

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

12/09/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	50.99	52.06	50.92	53.37	42.36	57.71	69.50	74.75	51.13	210.02	61.34	98.54	61.26	60.60	66.04	75.47	88.51	110.94	92.54	61.44	64.39	54.46	51.55	46.66
24138	1.77	1.58	1.63	1.91	1.77	2.59	3.12	3.87	3.06	2.61	2.82	3.10	3.55	3.69	4.07	4.73	5.35	6.88	5.73	4.02	4.28	3.53	3.16	2.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-164.26	-12.02	-42.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	0.00
74TH STREET_GT_1	50.94	51.99	50.87	53.32	42.33	57.65	69.41	74.66	51.05	209.67	61.23	98.35	61.20	60.54	66.01	75.43	88.46	110.92	92.54	61.45	64.36	54.46	51.55	46.66
24260	1.72	1.52	1.59	1.86	1.73	2.54	3.03	3.78	2.98	2.51	2.74	3.00	3.50	3.63	4.04	4.68	5.30	6.86	5.73	4.04	4.26	3.53	3.17	2.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-164.00	-12.00	-42.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	0.00
74TH STREET_GT_2	50.94	51.99	50.87	53.32	42.33	57.65	69.41	74.66	51.05	209.67	61.23	98.35	61.20	60.54	66.01	75.43	88.46	110.92	92.54	61.45	64.36	54.46	51.55	46.66
24261	1.72	1.52	1.59	1.86	1.73	2.54	3.03	3.78	2.98	2.51	2.74	3.00	3.50	3.63	4.04	4.68	5.30	6.86	5.73	4.04	4.26	3.53	3.17	2.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.32	-164.00	-12.00	-42.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.42	0.00
ADK HUDSON___FALLS	51.89	53.19	52.09	54.45	43.05	58.69	70.82	75.77	51.18	82.74	52.20	65.06	61.36	60.82	66.38	76.18	89.52	111.98	94.01	62.14	64.84	54.74	51.36	46.70
24011	2.67	2.71	2.81	3.00	2.45	3.57	4.44	4.89	3.36	2.91	3.02	3.46	3.66	3.90	4.41	5.44	6.36	7.92	7.19	4.72	4.74	3.81	3.31	2.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-36.67	-2.69	-9.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00
ADK RESOURCE___RCVRY	52.06	53.41	52.34	54.72	43.29	59.14	71.33	76.27	51.53	82.97	52.56	65.37	61.59	61.09	66.73	76.71	90.22	112.82	94.91	62.71	65.38	55.18	51.75	47.01
23798	2.85	2.93	3.06	3.27	2.69	4.02	4.94	5.38	3.72	3.27	3.39	3.80	3.88	4.17	4.76	5.96	7.06	8.75	8.09	5.30	5.27	4.24	3.70	3.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-36.55	-2.68	-9.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00
ADK S GLENS___FALLS	51.89	53.19	52.09	54.45	43.05	58.69	70.82	75.77	51.18	82.74	52.20	65.06	61.36	60.82	66.38	76.18	89.52	111.98	94.01	62.14	64.84	54.74	51.36	46.70
24028	2.67	2.71	2.81	3.00	2.45	3.57	4.44	4.89	3.36	2.91	3.02	3.46	3.66	3.90	4.41	5.44	6.36	7.92	7.19	4.72	4.74	3.81	3.31	2.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-36.67	-2.69	-9.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00
ADK_NYS___DAM	52.05	53.30	52.17	54.56	43.14	58.35	70.19	75.22	50.97	91.45	52.52	66.84	60.75	60.26	65.79	75.39	87.92	110.11	92.40	61.27	64.23	54.37	51.18	46.61
23527	2.83	2.83	2.89	3.10	2.54	3.24	3.81	4.33	3.14	2.75	2.70	3.05	3.05	3.34	3.82	4.65	4.76	6.05	5.58	3.85	4.12	3.44	3.11	2.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	-45.54	-3.33	-11.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	0.00
AIR_PRODUCTS___DRP	50.22	51.41	50.27	52.45	41.13	55.34	66.67	71.41	48.37	81.17	49.57	62.29	58.10	57.52	62.73	71.75	84.06	105.33	88.02	58.31	61.02	51.77	49.04	44.75
24190	1.00	0.94	0.99	0.99	0.52	0.22	0.29	0.53	0.55	0.35	0.33	0.45	0.40	0.60	0.76	1.01	0.90	1.26	1.20	0.89	0.92	0.83	0.99	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-37.66	-2.76	-9.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00
AKWESSNE_115KV_BK	50.47	51.93	50.68	52.66	41.34	56.06	67.45	72.14	48.19	43.56	46.94	53.04	58.21	57.23	62.28	71.08	83.82	104.72	87.23	57.52	60.30	51.19	48.34	44.47
355683	1.25	1.45	1.39	1.20	0.74	0.94	1.06	1.26	0.44	0.40	0.45	0.52	0.51	0.32	0.31	0.33	0.66	0.66	0.42	0.10	0.19	0.26	0.39	0.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	50.94	52.17	51.00	53.24	41.93	56.66	68.27	73.05	49.33	76.72	50.04	62.11	59.42	58.79	64.13	73.34	86.04	107.78	90.02	59.58	62.33	52.77	49.86	45.56
323833	1.72	1.70	1.71	1.78	1.33	1.54	1.89	2.16	1.52	1.04	1.17	1.53	1.71	1.88	2.16	2.60	2.88	3.72	3.20	2.17	2.22	1.84	1.82	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-32.52	-2.38	-8.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00
ALBANY_2_SOLAR	50.93	52.15	50.97	53.22	41.92	56.65	68.25	73.01	49.32	76.74	50.02	62.10	59.38	58.77	64.11	73.31	86.00	107.71	89.97	59.56	62.29	52.76	49.85	45.53
323834	1.71	1.68	1.69	1.76	1.32	1.53	1.87	2.13	1.51	1.03	1.15	1.51	1.68	1.86	2.14	2.56	2.84	3.65	3.15	2.15	2.19	1.83	1.81	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	-32.55	-2.39	-8.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00
ALBANY___1	50.22	51.41	50.27	52.45	41.13	55.34	66.67	71.41	48.37	81.17	49.57	62.29	58.10	57.52	62.73	71.75	84.06	105.33	88.02	58.31	61.02	51.77	49.04	44.75
23571	1.00	0.94	0.99	0.99	0.52	0.22	0.29	0.53	0.55	0.35	0.33	0.45	0.40	0.60	0.76	1.01	0.90	1.26	1.20	0.89	0.92	0.83	0.99	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-37.66	-2.76	-9.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	0.00

ALBANY___2 23572	50.22 1.00 0.00	51.41 0.94 0.00	50.27 0.99 0.00	52.45 0.99 0.00	41.13 0.52 0.00	55.34 0.22 0.00	66.67 0.29 0.00	71.41 0.53 0.00	48.37 0.55 -0.07	81.17 0.35 -37.66	49.57 0.33 -2.76	62.29 0.45 -9.33	58.10 0.40 0.00	57.52 0.60 0.00	62.73 0.76 0.00	71.75 1.01 0.00	84.06 0.90 0.00	105.33 1.26 0.00	88.02 1.20 0.00	58.31 0.89 0.00	61.02 0.92 0.00	51.77 0.83 0.00	49.04 0.99 -0.09	44.75 0.79 0.00
ALBANY___3 23573	50.22 1.00 0.00	51.41 0.94 0.00	50.27 0.99 0.00	52.45 0.99 0.00	41.13 0.52 0.00	55.34 0.22 0.00	66.67 0.29 0.00	71.41 0.53 0.00	48.37 0.55 -0.07	81.17 0.35 -37.66	49.57 0.33 -2.76	62.29 0.45 -9.33	58.10 0.40 0.00	57.52 0.60 0.00	62.73 0.76 0.00	71.75 1.01 0.00	84.06 0.90 0.00	105.33 1.26 0.00	88.02 1.20 0.00	58.31 0.89 0.00	61.02 0.92 0.00	51.77 0.83 0.00	49.04 0.99 -0.09	44.75 0.79 0.00
ALBANY___4 23574	50.22 1.00 0.00	51.41 0.94 0.00	50.27 0.99 0.00	52.45 0.99 0.00	41.13 0.52 0.00	55.34 0.22 0.00	66.67 0.29 0.00	71.41 0.53 0.00	48.37 0.55 -0.07	81.17 0.35 -37.66	49.57 0.33 -2.76	62.29 0.45 -9.33	58.10 0.40 0.00	57.52 0.60 0.00	62.73 0.76 0.00	71.75 1.01 0.00	84.06 0.90 0.00	105.33 1.26 0.00	88.02 1.20 0.00	58.31 0.89 0.00	61.02 0.92 0.00	51.77 0.83 0.00	49.04 0.99 -0.09	44.75 0.79 0.00
ALBANY___LFGE 323615	50.56 1.34 0.00	51.76 1.29 0.00	50.61 1.33 0.00	52.82 1.36 0.00	41.49 0.89 0.00	55.94 0.82 0.00	67.42 1.04 0.00	72.25 1.37 0.00	48.92 1.11 -0.07	81.30 0.86 -37.28	50.10 0.88 -2.73	62.85 1.10 -9.23	58.83 1.12 0.00	58.23 1.32 0.00	63.51 1.54 0.00	72.64 1.90 0.00	85.13 1.96 0.00	106.67 2.61 0.00	89.11 2.30 0.00	59.01 1.60 0.00	61.75 1.65 0.00	52.32 1.39 0.00	49.48 1.43 -0.09	45.16 1.19 0.00
ALCOA_PA_115KV_PL-6C 55860	50.68 1.46 0.00	52.15 1.68 0.00	50.88 1.60 0.00	52.88 1.42 0.00	41.49 0.89 0.00	56.20 1.08 0.00	67.59 1.21 0.00	71.90 1.02 0.00	48.24 0.49 0.00	43.62 0.46 0.00	47.02 0.53 0.00	53.14 0.62 0.00	58.31 0.61 0.00	57.34 0.42 0.00	62.38 0.41 0.00	71.19 0.45 0.00	83.97 0.81 0.00	104.89 0.83 0.00	87.33 0.51 0.00	57.61 0.19 0.00	60.38 0.28 0.00	51.27 0.34 0.00	48.41 0.45 0.00	44.55 0.59 0.00
ALCOA_RYNLDS___DRP 24188	50.68 1.46 0.00	52.15 1.68 0.00	50.88 1.60 0.00	52.88 1.42 0.00	41.49 0.89 0.00	56.20 1.08 0.00	67.59 1.21 0.00	71.90 1.02 0.00	48.24 0.49 0.00	43.62 0.46 0.00	47.02 0.53 0.00	53.14 0.62 0.00	58.31 0.61 0.00	57.34 0.42 0.00	62.38 0.41 0.00	71.19 0.45 0.00	83.97 0.81 0.00	104.89 0.83 0.00	87.33 0.51 0.00	57.61 0.19 0.00	60.38 0.28 0.00	51.27 0.34 0.00	48.41 0.45 0.00	44.55 0.59 0.00
ALCOA___DSASP 323711	50.68 1.46 0.00	52.15 1.68 0.00	50.88 1.60 0.00	52.87 1.42 0.00	41.49 0.89 0.00	56.20 1.08 0.00	67.59 1.21 0.00	71.90 1.02 0.00	48.24 0.49 0.00	43.62 0.46 0.00	47.02 0.53 0.00	53.14 0.62 0.00	58.31 0.61 0.00	57.34 0.42 0.00	62.38 0.41 0.00	71.19 0.45 0.00	83.97 0.81 0.00	104.89 0.83 0.00	87.33 0.51 0.00	57.61 0.19 0.00	60.38 0.28 0.00	51.27 0.34 0.00	48.41 0.45 0.00	44.55 0.59 0.00
ALLEGHENY___COGEN 23514	49.66 0.44 0.00	50.43 -0.04 0.00	49.07 -0.22 0.00	51.21 -0.25 0.00	40.49 -0.11 0.00	55.00 -0.12 0.00	66.19 -0.20 0.00	70.37 -0.51 0.00	47.49 -0.26 0.00	43.43 0.27 0.00	46.51 0.02 0.00	52.19 -0.33 0.00	57.39 -0.31 0.00	56.49 -0.42 0.00	61.56 -0.42 0.00	71.11 0.37 0.00	84.42 1.26 0.00	105.59 1.53 0.00	87.79 0.98 0.00	57.27 -0.15 0.00	59.28 -0.82 0.00	50.41 -0.52 0.00	47.58 -0.38 0.00	43.82 -0.14 0.00
ALTAMONT_115KV_TB 2 55880	50.18 0.97 0.00	51.38 0.91 0.00	50.22 0.94 0.00	52.48 1.02 0.00	41.38 0.77 0.00	56.02 0.90 0.00	67.48 1.10 0.00	72.21 1.32 0.00	48.88 1.07 -0.07	80.71 0.83 -36.72	50.02 0.84 -2.69	62.62 1.01 -9.09	58.79 1.09 0.00	58.14 1.23 0.00	63.38 1.42 0.00	72.47 1.73 0.00	84.96 1.79 0.00	106.43 2.37 0.00	88.91 2.09 0.00	58.91 1.50 0.00	61.63 1.53 0.00	52.21 1.27 0.00	49.24 1.20 -0.09	44.96 1.00 0.00
ALTONA_WT_PWR 323606	51.21 1.99 0.00	52.68 2.21 0.00	51.39 2.11 0.00	53.49 2.04 0.00	42.10 1.50 0.00	57.13 2.01 0.00	68.68 2.29 0.00	72.73 1.85 0.00	48.66 0.91 0.00	43.83 0.67 0.00	47.13 0.64 0.00	53.28 0.76 0.00	58.11 0.40 0.00	56.87 -0.04 0.00	61.53 -0.44 0.00	70.43 -0.31 0.00	83.07 -0.09 0.00	103.92 -0.14 0.00	86.79 -0.02 0.00	57.09 -0.33 0.00	59.82 -0.29 0.00	50.86 -0.08 0.00	48.00 0.04 0.00	44.07 0.11 0.00
AMERICAN_REF_FUEL 24010	45.81 -3.40 0.00	46.52 -3.95 0.00	45.21 -4.08 0.00	47.23 -4.23 0.00	37.47 -3.13 0.00	50.64 -4.47 0.00	59.94 -6.44 0.00	62.93 -7.95 0.00	42.69 -5.06 0.00	39.29 -3.87 0.00	42.23 -4.26 0.00	47.54 -4.97 0.00	52.55 -5.15 0.00	51.65 -5.26 0.00	56.13 -5.84 0.00	64.29 -6.45 0.00	75.85 -7.31 0.00	88.81 -9.79 5.46	77.99 -8.83 0.00	50.73 -6.68 0.00	52.38 -7.73 0.00	44.87 -6.06 0.00	43.18 -4.78 0.00	40.36 -3.60 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	47.48 -1.74 0.00	47.67 -2.80 0.00	46.35 -2.93 0.00	48.29 -3.17 0.00	38.25 -2.35 0.00	52.40 -2.72 0.00	63.19 -3.19 0.00	66.44 -4.44 0.00	44.38 -3.36 0.00	40.66 -2.49 0.00	43.66 -2.83 0.00	49.33 -3.19 0.00	54.82 -2.89 0.00	53.91 -3.01 0.00	58.39 -3.58 0.00	66.92 -3.82 0.00	77.67 -5.49 0.00	90.13 -7.46 6.48	80.28 -6.54 0.00	52.20 -5.22 0.00	53.87 -6.23 0.00	45.90 -5.03 0.00	43.87 -4.09 0.00	40.82 -3.14 0.00
ARTHUR KILL_GT_1 23520	51.01 1.79 0.00	52.05 1.57 0.00	50.93 1.65 0.00	53.41 1.95 0.00	42.37 1.77 0.00	57.71 2.59 0.00	69.22 2.84 0.00	74.35 3.47 0.00	50.87 2.80 -0.32	209.38 2.23 -164.00	60.95 2.46 -12.00	97.99 2.63 -42.84	60.88 3.17 0.00	60.21 3.30 0.00	65.61 3.65 0.00	74.97 4.23 0.00	87.89 4.73 0.00	110.26 6.20 0.00	92.06 5.25 0.00	61.23 3.82 0.00	64.19 4.08 0.00	54.37 3.43 0.00	51.48 3.09 -0.42	46.69 2.73 0.00
ARTHUR_KILL_2 23512	50.86 1.64 0.00	51.91 1.43 0.00	50.79 1.50 0.00	53.26 1.80 0.00	42.26 1.66 0.00	57.54 2.43 0.00	69.00 2.62 0.00	74.13 3.25 0.00	50.72 2.66 -0.32	209.24 2.08 -164.00	60.79 2.30 -12.00	97.83 2.47 -42.84	60.68 2.98 0.00	60.03 3.12 0.00	65.40 3.43 0.00	74.72 3.97 0.00	87.61 4.45 0.00	109.89 5.83 0.00	91.74 4.93 0.00	61.04 3.62 0.00	64.00 3.89 0.00	54.20 3.27 0.00	51.33 2.95 -0.42	46.55 2.59 0.00
ARTHUR_KILL_3 23513	50.31 1.09 0.00	51.36 0.89 0.00	50.25 0.96 0.00	52.69 1.24 0.00	41.85 1.25 0.00	56.94 1.83 0.00	68.47 2.09 0.00	73.76 2.88 0.00	50.44 2.38 -0.32	209.12 1.88 -164.08	60.56 2.06 -12.01	97.62 2.24 -42.87	60.44 2.73 0.00	59.80 2.89 0.00	65.16 3.20 0.00	74.45 3.71 0.00	87.31 4.14 0.00	109.46 5.40 0.00	91.37 4.55 0.00	60.71 3.29 0.00	63.66 3.56 0.00	53.87 2.93 0.00	51.04 2.66 -0.42	46.25 2.28 0.00

ARTHUR_KILL_COGEN 323718	51.01 1.79 0.00	52.05 1.57 0.00	50.93 1.65 0.00	53.41 1.95 0.00	42.37 1.77 0.00	57.71 2.59 0.00	69.22 2.84 0.00	74.35 3.47 0.00	50.87 2.80 -0.32	209.38 2.23 -164.00	60.95 2.46 -12.00	97.99 2.63 -42.84	60.88 3.17 0.00	60.21 3.30 0.00	65.61 3.65 0.00	74.97 4.23 0.00	87.89 4.73 0.00	110.26 6.20 0.00	92.06 5.25 0.00	61.23 3.82 0.00	64.19 4.08 0.00	54.37 3.43 0.00	51.48 3.09 -0.42	46.69 2.73 0.00
ASHOKAN____ 23654	52.12 2.90 0.00	53.21 2.74 0.00	52.01 2.72 0.00	54.49 3.03 0.00	43.15 2.55 0.00	58.81 3.69 0.00	71.29 4.90 0.00	76.80 5.92 0.00	51.95 4.21 0.00	46.33 3.18 0.00	50.02 3.53 0.00	56.63 4.12 0.00	62.40 4.70 0.00	61.81 4.89 0.00	67.43 5.46 0.00	77.17 6.42 0.00	90.83 7.67 0.00	113.89 9.83 0.00	95.01 8.19 0.00	62.82 5.40 0.00	65.56 5.45 0.00	55.28 4.35 0.00	51.80 3.84 0.00	47.17 3.21 0.00
ASTORIA_EAST_ENERGY_CC1 323581	50.72 1.50 0.00	51.66 1.19 0.00	50.62 1.34 0.00	53.18 1.73 0.00	42.17 1.56 0.00	57.47 2.35 0.00	69.00 2.62 0.00	74.26 3.37 0.00	50.80 2.73 -0.32	209.29 2.13 -164.00	60.93 2.44 -12.00	98.04 2.68 -42.84	60.88 3.18 0.00	60.19 3.27 0.00	65.61 3.64 0.00	74.97 4.23 0.00	87.89 4.73 0.00	110.24 6.18 0.00	92.01 5.19 0.00	61.21 3.79 0.00	64.01 3.91 0.00	54.14 3.21 0.00	51.25 2.87 -0.42	46.45 2.48 0.00
ASTORIA_EAST_ENERGY_CC2 323582	50.72 1.50 0.00	51.66 1.19 0.00	50.62 1.34 0.00	53.18 1.73 0.00	42.16 1.56 0.00	57.47 2.35 0.00	69.00 2.62 0.00	74.26 3.37 0.00	50.80 2.73 -0.32	209.29 2.13 -164.00	60.93 2.44 -12.00	98.04 2.68 -42.84	60.88 3.18 0.00	60.19 3.27 0.00	65.61 3.64 0.00	74.97 4.23 0.00	87.89 4.73 0.00	110.24 6.18 0.00	92.01 5.19 0.00	61.21 3.79 0.00	64.01 3.91 0.00	54.14 3.21 0.00	51.25 2.87 -0.42	46.45 2.48 0.00
ASTORIA_GT2_1 24094	50.74 1.53 0.00	51.68 1.20 0.00	50.65 1.36 0.00	53.19 1.73 0.00	42.18 1.57 0.00	57.48 2.36 0.00	69.04 2.65 0.00	74.28 3.40 0.00	50.83 2.76 -0.32	209.32 2.16 -164.00	60.96 2.46 -12.00	98.07 2.71 -42.84	60.92 3.22 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.26 0.00	87.91 4.75 0.00	110.32 6.25 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.95 0.00	54.16 3.23 0.00	51.27 2.89 -0.42	46.46 2.50 0.00
ASTORIA_GT2_2 24095	50.74 1.53 0.00	51.68 1.20 0.00	50.65 1.36 0.00	53.19 1.73 0.00	42.18 1.57 0.00	57.48 2.36 0.00	69.04 2.65 0.00	74.28 3.40 0.00	50.83 2.76 -0.32	209.32 2.16 -164.00	60.96 2.46 -12.00	98.07 2.71 -42.84	60.92 3.22 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.26 0.00	87.91 4.75 0.00	110.32 6.25 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.95 0.00	54.16 3.23 0.00	51.27 2.89 -0.42	46.46 2.50 0.00
ASTORIA_GT2_3 24096	50.74 1.53 0.00	51.68 1.20 0.00	50.65 1.36 0.00	53.19 1.73 0.00	42.18 1.57 0.00	57.48 2.36 0.00	69.04 2.65 0.00	74.28 3.40 0.00	50.83 2.76 -0.32	209.32 2.16 -164.00	60.96 2.46 -12.00	98.07 2.71 -42.84	60.92 3.22 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.26 0.00	87.91 4.75 0.00	110.32 6.25 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.95 0.00	54.16 3.23 0.00	51.27 2.89 -0.42	46.46 2.50 0.00
ASTORIA_GT2_4 24097	50.74 1.53 0.00	51.68 1.20 0.00	50.65 1.36 0.00	53.19 1.73 0.00	42.18 1.57 0.00	57.48 2.36 0.00	69.04 2.65 0.00	74.28 3.40 0.00	50.83 2.76 -0.32	209.32 2.16 -164.00	60.96 2.46 -12.00	98.07 2.71 -42.84	60.92 3.22 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.26 0.00	87.91 4.75 0.00	110.32 6.25 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.95 0.00	54.16 3.23 0.00	51.27 2.89 -0.42	46.46 2.50 0.00
ASTORIA_GT3_1 24098	50.74 1.53 0.00	51.68 1.20 0.00	50.65 1.36 0.00	53.19 1.73 0.00	42.18 1.57 0.00	57.48 2.36 0.00	69.04 2.65 0.00	74.28 3.40 0.00	50.83 2.76 -0.32	209.32 2.16 -164.00	60.96 2.46 -12.00	98.07 2.71 -42.84	60.92 3.22 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.26 0.00	87.91 4.75 0.00	110.32 6.25 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.95 0.00	54.16 3.23 0.00	51.27 2.89 -0.42	46.46 2.50 0.00
ASTORIA_GT3_2 24099	50.74 1.53 0.00	51.68 1.20 0.00	50.65 1.36 0.00	53.19 1.73 0.00	42.18 1.57 0.00	57.48 2.36 0.00	69.04 2.65 0.00	74.28 3.40 0.00	50.83 2.76 -0.32	209.32 2.16 -164.00	60.96 2.46 -12.00	98.07 2.71 -42.84	60.92 3.22 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.26 0.00	87.91 4.75 0.00	110.32 6.25 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.95 0.00	54.16 3.23 0.00	51.27 2.89 -0.42	46.46 2.50 0.00
ASTORIA_GT3_3 24100	50.74 1.53 0.00	51.68 1.20 0.00	50.65 1.36 0.00	53.19 1.73 0.00	42.18 1.57 0.00	57.48 2.36 0.00	69.04 2.65 0.00	74.28 3.40 0.00	50.83 2.76 -0.32	209.32 2.16 -164.00	60.96 2.46 -12.00	98.07 2.71 -42.84	60.92 3.22 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.26 0.00	87.91 4.75 0.00	110.32 6.25 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.95 0.00	54.16 3.23 0.00	51.27 2.89 -0.42	46.46 2.50 0.00
ASTORIA_GT3_4 24101	50.74 1.53 0.00	51.68 1.20 0.00	50.65 1.36 0.00	53.19 1.73 0.00	42.18 1.57 0.00	57.48 2.36 0.00	69.04 2.65 0.00	74.28 3.40 0.00	50.83 2.76 -0.32	209.32 2.16 -164.00	60.96 2.46 -12.00	98.07 2.71 -42.84	60.92 3.22 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.26 0.00	87.91 4.75 0.00	110.32 6.25 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.95 0.00	54.16 3.23 0.00	51.27 2.89 -0.42	46.46 2.50 0.00
ASTORIA_GT4_1 24102	50.74 1.53 0.00	51.68 1.20 0.00	50.65 1.36 0.00	53.19 1.73 0.00	42.18 1.57 0.00	57.48 2.36 0.00	69.04 2.65 0.00	74.28 3.40 0.00	50.83 2.76 -0.32	209.32 2.16 -164.00	60.96 2.46 -12.00	98.07 2.71 -42.84	60.92 3.22 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.26 0.00	87.91 4.75 0.00	110.32 6.25 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.95 0.00	54.16 3.23 0.00	51.27 2.89 -0.42	46.46 2.50 0.00
ASTORIA_GT4_2 24103	50.74 1.53 0.00	51.68 1.20 0.00	50.65 1.36 0.00	53.19 1.73 0.00	42.18 1.57 0.00	57.48 2.36 0.00	69.04 2.65 0.00	74.28 3.40 0.00	50.83 2.76 -0.32	209.32 2.16 -164.00	60.96 2.46 -12.00	98.07 2.71 -42.84	60.92 3.22 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.26 0.00	87.91 4.75 0.00	110.32 6.25 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.95 0.00	54.16 3.23 0.00	51.27 2.89 -0.42	46.46 2.50 0.00
ASTORIA_GT4_3 24104	50.74 1.53 0.00	51.68 1.20 0.00	50.65 1.36 0.00	53.19 1.73 0.00	42.18 1.57 0.00	57.48 2.36 0.00	69.04 2.65 0.00	74.28 3.40 0.00	50.83 2.76 -0.32	209.32 2.16 -164.00	60.96 2.46 -12.00	98.07 2.71 -42.84	60.92 3.22 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.26 0.00	87.91 4.75 0.00	110.32 6.25 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.95 0.00	54.16 3.23 0.00	51.27 2.89 -0.42	46.46 2.50 0.00

ASTORIA_GT4_4 24105	50.74 1.53 0.00	51.68 1.20 0.00	50.65 1.36 0.00	53.19 1.73 0.00	42.18 1.57 0.00	57.48 2.36 0.00	69.04 2.65 0.00	74.28 3.40 0.00	50.83 2.76 -0.32	209.32 2.16 -164.00	60.96 2.46 -12.00	98.07 2.71 -42.84	60.92 3.22 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.26 0.00	87.91 4.75 0.00	110.32 6.25 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.95 0.00	54.16 3.23 0.00	51.27 2.89 -0.42	46.46 2.50 0.00
ASTORIA_GT_1 23523	50.83 1.62 0.00	51.76 1.29 0.00	50.73 1.44 0.00	53.28 1.82 0.00	42.24 1.63 0.00	57.56 2.44 0.00	69.14 2.76 0.00	74.42 3.54 0.00	50.92 2.86 -0.32	209.40 2.25 -164.00	61.04 2.55 -12.00	98.17 2.81 -42.84	61.03 3.32 0.00	60.32 3.41 0.00	65.76 3.79 0.00	75.16 4.41 0.00	88.09 4.93 0.00	110.55 6.49 0.00	92.24 5.42 0.00	61.35 3.94 0.00	64.15 4.05 0.00	54.25 3.32 0.00	51.36 2.98 -0.42	46.54 2.58 0.00
ASTORIA_GT_10 24110	50.67 1.45 0.00	51.69 1.22 0.00	50.60 1.31 0.00	53.05 1.59 0.00	42.09 1.48 0.00	57.31 2.19 0.00	68.94 2.56 0.00	74.13 3.25 0.00	50.72 2.65 -0.32	209.31 2.15 -164.00	60.88 2.39 -12.00	97.95 2.59 -42.84	60.80 3.09 0.00	60.11 3.20 0.00	65.52 3.55 0.00	74.89 4.15 0.00	87.79 4.62 0.00	110.06 6.00 0.00	91.85 5.03 0.00	61.08 3.66 0.00	64.01 3.90 0.00	54.16 3.22 0.00	51.26 2.88 -0.42	46.42 2.46 0.00
ASTORIA_GT_11 24225	50.67 1.45 0.00	51.69 1.22 0.00	50.60 1.31 0.00	53.05 1.59 0.00	42.09 1.48 0.00	57.31 2.19 0.00	68.94 2.56 0.00	74.13 3.25 0.00	50.72 2.65 -0.32	209.31 2.15 -164.00	60.88 2.39 -12.00	97.95 2.59 -42.84	60.80 3.09 0.00	60.11 3.20 0.00	65.52 3.55 0.00	74.89 4.15 0.00	87.79 4.62 0.00	110.06 6.00 0.00	91.85 5.03 0.00	61.08 3.66 0.00	64.01 3.90 0.00	54.16 3.22 0.00	51.26 2.88 -0.42	46.42 2.46 0.00
ASTORIA_GT_12 24226	50.67 1.45 0.00	51.69 1.22 0.00	50.60 1.31 0.00	53.05 1.59 0.00	42.09 1.48 0.00	57.31 2.19 0.00	68.94 2.56 0.00	74.13 3.25 0.00	50.72 2.65 -0.32	209.31 2.15 -164.00	60.88 2.39 -12.00	97.95 2.59 -42.84	60.80 3.09 0.00	60.11 3.20 0.00	65.52 3.55 0.00	74.89 4.15 0.00	87.79 4.62 0.00	110.06 6.00 0.00	91.85 5.03 0.00	61.08 3.66 0.00	64.01 3.90 0.00	54.16 3.22 0.00	51.26 2.88 -0.42	46.42 2.46 0.00
ASTORIA_GT_13 24227	50.67 1.45 0.00	51.69 1.22 0.00	50.60 1.31 0.00	53.05 1.59 0.00	42.09 1.48 0.00	57.31 2.19 0.00	68.94 2.56 0.00	74.13 3.25 0.00	50.72 2.65 -0.32	209.31 2.15 -164.00	60.88 2.39 -12.00	97.95 2.59 -42.84	60.80 3.09 0.00	60.11 3.20 0.00	65.52 3.55 0.00	74.89 4.15 0.00	87.79 4.62 0.00	110.06 6.00 0.00	91.85 5.03 0.00	61.08 3.66 0.00	64.01 3.90 0.00	54.16 3.22 0.00	51.26 2.88 -0.42	46.42 2.46 0.00
ASTORIA_GT_5 24106	50.83 1.62 0.00	51.76 1.29 0.00	50.73 1.44 0.00	53.28 1.82 0.00	42.24 1.63 0.00	57.57 2.45 0.00	69.14 2.76 0.00	74.42 3.54 0.00	50.92 2.86 -0.32	209.40 2.25 -164.00	61.05 2.55 -12.00	98.17 2.81 -42.84	61.04 3.33 0.00	60.32 3.41 0.00	65.76 3.79 0.00	75.16 4.41 0.00	88.09 4.94 0.00	110.54 6.48 0.00	92.24 5.42 0.00	61.35 3.94 0.00	64.15 4.05 0.00	54.26 3.33 0.00	51.36 2.98 -0.42	46.54 2.58 0.00
ASTORIA_GT_7 24107	50.83 1.62 0.00	51.76 1.29 0.00	50.73 1.44 0.00	53.28 1.82 0.00	42.24 1.63 0.00	57.57 2.45 0.00	69.14 2.76 0.00	74.42 3.54 0.00	50.92 2.86 -0.32	209.40 2.25 -164.00	61.05 2.55 -12.00	98.17 2.81 -42.84	61.04 3.33 0.00	60.32 3.41 0.00	65.76 3.79 0.00	75.16 4.41 0.00	88.09 4.94 0.00	110.54 6.48 0.00	92.24 5.42 0.00	61.35 3.94 0.00	64.15 4.05 0.00	54.26 3.33 0.00	51.36 2.98 -0.42	46.54 2.58 0.00
ASTORIA_GT_8 24108	50.83 1.62 0.00	51.76 1.29 0.00	50.73 1.44 0.00	53.28 1.82 0.00	42.24 1.63 0.00	57.57 2.45 0.00	69.14 2.76 0.00	74.42 3.54 0.00	50.92 2.86 -0.32	209.40 2.25 -164.00	61.05 2.55 -12.00	98.17 2.81 -42.84	61.04 3.33 0.00	60.32 3.41 0.00	65.76 3.79 0.00	75.16 4.41 0.00	88.09 4.94 0.00	110.54 6.48 0.00	92.24 5.42 0.00	61.35 3.94 0.00	64.15 4.05 0.00	54.26 3.33 0.00	51.36 2.98 -0.42	46.54 2.58 0.00
ASTORIA___2 24149	50.74 1.53 0.00	51.68 1.21 0.00	50.65 1.36 0.00	53.19 1.73 0.00	42.18 1.58 0.00	57.48 2.37 0.00	69.04 2.65 0.00	74.28 3.40 0.00	50.83 2.76 -0.32	209.32 2.16 -164.00	60.96 2.46 -12.00	98.07 2.71 -42.84	60.91 3.21 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.25 0.00	87.91 4.75 0.00	110.32 6.25 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.94 0.00	54.17 3.23 0.00	51.27 2.88 -0.42	46.47 2.51 0.00
ASTORIA___3 23516	50.74 1.53 0.00	51.68 1.21 0.00	50.65 1.36 0.00	53.19 1.73 0.00	42.18 1.58 0.00	57.48 2.37 0.00	69.04 2.65 0.00	74.28 3.40 0.00	50.83 2.76 -0.32	209.32 2.16 -164.00	60.96 2.46 -12.00	98.07 2.71 -42.84	60.91 3.21 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.25 0.00	87.91 4.75 0.00	110.32 6.25 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.94 0.00	54.17 3.23 0.00	51.27 2.88 -0.42	46.47 2.51 0.00
ASTORIA___4 23517	50.74 1.53 0.00	51.68 1.20 0.00	50.65 1.36 0.00	53.19 1.73 0.00	42.18 1.57 0.00	57.48 2.36 0.00	69.04 2.65 0.00	74.28 3.40 0.00	50.83 2.76 -0.32	209.32 2.16 -164.00	60.96 2.46 -12.00	98.07 2.71 -42.84	60.92 3.22 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.26 0.00	87.91 4.75 0.00	110.32 6.25 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.95 0.00	54.16 3.23 0.00	51.27 2.89 -0.42	46.46 2.50 0.00
ASTORIA___5 23518	50.67 1.45 0.00	51.69 1.22 0.00	50.59 1.31 0.00	53.05 1.59 0.00	42.09 1.48 0.00	57.30 2.19 0.00	68.94 2.55 0.00	74.13 3.25 0.00	50.71 2.65 -0.32	209.31 2.15 -164.00	60.87 2.38 -12.00	97.95 2.59 -42.84	60.80 3.09 0.00	60.11 3.20 0.00	65.52 3.55 0.00	74.88 4.14 0.00	87.78 4.62 0.00	110.06 6.00 0.00	91.84 5.02 0.00	61.08 3.66 0.00	64.01 3.90 0.00	54.16 3.22 0.00	51.26 2.88 -0.42	46.43 2.46 0.00
AST_ENERGY_2_CC3 323677	50.44 1.22 0.00	51.59 1.11 0.00	50.50 1.22 0.00	52.96 1.50 0.00	42.04 1.44 0.00	57.22 2.11 0.00	68.72 2.34 0.00	73.88 3.00 0.00	50.52 2.45 -0.32	209.24 2.00 -164.08	60.66 2.16 -12.01	97.75 2.37 -42.87	60.52 2.82 0.00	59.88 2.97 0.00	65.26 3.29 0.00	74.56 3.82 0.00	87.45 4.29 0.00	109.67 5.60 0.00	91.53 4.72 0.00	60.81 3.40 0.00	63.71 3.61 0.00	53.96 3.02 0.00	51.28 2.90 -0.42	46.45 2.48 0.00
AST_ENERGY_2_CC4 323678	50.44 1.22 0.00	51.59 1.11 0.00	50.50 1.22 0.00	52.96 1.50 0.00	42.04 1.44 0.00	57.22 2.11 0.00	68.72 2.34 0.00	73.88 3.00 0.00	50.52 2.45 -0.32	209.24 2.00 -164.08	60.66 2.16 -12.01	97.75 2.37 -42.87	60.52 2.82 0.00	59.88 2.97 0.00	65.26 3.29 0.00	74.56 3.82 0.00	87.45 4.29 0.00	109.67 5.60 0.00	91.53 4.72 0.00	60.81 3.40 0.00	63.71 3.61 0.00	53.96 3.02 0.00	51.28 2.90 -0.42	46.45 2.48 0.00

ATHENS_STG_1 23668	50.22 1.00 0.00	51.38 0.90 0.00	50.22 0.93 0.00	52.53 1.07 0.00	41.52 0.92 0.00	56.36 1.24 0.00	67.88 1.49 0.00	72.67 1.79 0.00	49.32 1.46 -0.11	106.64 1.21 -62.27	52.31 1.26 -4.56	69.33 1.40 -15.42	59.24 1.54 0.00	58.61 1.69 0.00	63.87 1.91 0.00	73.02 2.27 0.00	85.56 2.40 0.00	107.21 3.15 0.00	89.56 2.74 0.00	59.41 2.00 0.00	62.18 2.07 0.00	52.64 1.70 0.00	49.63 1.52 -0.15	45.24 1.28 0.00
ATHENS_STG_2 23670	50.22 1.00 0.00	51.38 0.90 0.00	50.22 0.93 0.00	52.53 1.07 0.00	41.52 0.92 0.00	56.36 1.24 0.00	67.88 1.49 0.00	72.67 1.79 0.00	49.32 1.46 -0.11	106.64 1.21 -62.27	52.31 1.26 -4.56	69.33 1.40 -15.42	59.24 1.54 0.00	58.61 1.69 0.00	63.87 1.91 0.00	73.02 2.27 0.00	85.56 2.40 0.00	107.21 3.15 0.00	89.56 2.74 0.00	59.41 2.00 0.00	62.18 2.07 0.00	52.64 1.70 0.00	49.63 1.52 -0.15	45.24 1.28 0.00
ATHENS_STG_3 23677	50.22 1.00 0.00	51.38 0.90 0.00	50.22 0.93 0.00	52.53 1.07 0.00	41.52 0.92 0.00	56.36 1.24 0.00	67.88 1.49 0.00	72.67 1.79 0.00	49.32 1.46 -0.11	106.64 1.21 -62.27	52.31 1.26 -4.56	69.33 1.40 -15.42	59.24 1.54 0.00	58.61 1.69 0.00	63.87 1.91 0.00	73.02 2.27 0.00	85.56 2.40 0.00	107.21 3.15 0.00	89.56 2.74 0.00	59.41 2.00 0.00	62.18 2.07 0.00	52.64 1.70 0.00	49.63 1.52 -0.15	45.24 1.28 0.00
AUBURN___LFGE 323710	48.85 -0.37 0.00	49.99 -0.48 0.00	48.54 -0.74 0.00	50.95 -0.50 0.00	40.33 -0.27 0.00	54.81 -0.30 0.00	66.20 -0.18 0.00	70.30 -0.59 0.00	47.54 -0.21 0.00	43.19 0.03 0.00	46.47 -0.02 0.00	52.45 -0.07 0.00	57.75 0.05 0.00	56.94 0.03 0.00	61.75 -0.21 0.00	70.47 -0.27 0.00	83.16 0.00 0.00	104.13 0.06 0.00	86.91 0.09 0.00	57.32 -0.09 0.00	59.74 -0.37 0.00	50.57 -0.36 0.00	47.58 -0.38 0.00	43.65 -0.30 0.00
BABYLON_RES_REC 323704	51.63 2.41 0.00	52.44 1.96 0.00	51.30 2.02 0.00	53.89 2.43 0.00	42.84 2.23 0.00	58.44 3.32 0.00	70.39 4.01 0.00	75.35 4.47 0.00	51.55 3.48 -0.32	209.55 2.65 -163.75	61.76 3.29 -11.99	98.63 3.34 -42.77	61.58 3.88 0.00	60.70 3.79 0.00	66.45 4.48 0.00	75.99 5.25 0.00	88.96 5.80 0.00	111.88 7.81 0.00	93.73 6.91 0.00	67.55 5.00 -5.12	65.13 5.02 0.00	55.17 4.24 0.00	51.99 3.61 -0.42	47.05 3.09 0.00
BABYLON__69_KV_BK2 356345	52.15 2.93 0.00	52.95 2.48 0.00	51.82 2.53 0.00	54.41 2.96 0.00	43.27 2.67 0.00	59.07 3.96 0.00	71.18 4.79 0.00	76.08 5.20 0.00	52.05 3.98 -0.32	210.02 3.11 -163.75	62.28 3.81 -11.99	99.22 3.93 -42.77	62.27 4.57 0.00	61.34 4.43 0.00	67.06 5.10 0.00	76.62 5.88 0.00	89.72 6.56 0.00	112.94 8.88 0.00	94.74 7.92 0.00	68.33 5.78 -5.12	65.91 5.80 0.00	55.83 4.89 0.00	52.56 4.17 -0.42	47.54 3.58 0.00
BALL_HILL_WT_PWR 323825	47.52 -1.70 0.00	48.06 -2.41 0.00	46.73 -2.56 0.00	48.77 -2.69 0.00	38.66 -1.95 0.00	52.48 -2.64 0.00	62.61 -3.77 0.00	65.96 -4.92 0.00	44.54 -3.20 0.00	40.96 -2.20 0.00	43.99 -2.50 0.00	49.57 -2.94 0.00	54.89 -2.82 0.00	53.96 -2.95 0.00	58.60 -3.37 0.00	67.12 -3.63 0.00	78.75 -4.41 0.00	92.34 -6.07 5.65	81.34 -5.47 0.00	52.94 -4.47 0.00	54.72 -5.38 0.00	46.67 -4.26 0.00	44.52 -3.45 0.00	41.50 -2.46 0.00
BARON_WINDS___WT_PWR 323822	48.17 -1.05 0.00	49.08 -1.39 0.00	47.56 -1.73 0.00	49.52 -1.94 0.00	38.99 -1.61 0.00	52.79 -2.33 0.00	63.32 -3.06 0.00	67.11 -3.77 0.00	44.99 -2.76 0.00	41.09 -2.07 0.00	43.87 -2.62 0.00	49.31 -3.21 0.00	54.61 -3.10 0.00	53.81 -3.10 0.00	58.81 -3.15 0.00	67.76 -2.99 0.00	80.13 -3.03 0.00	103.57 -4.08 -3.59	83.49 -3.33 0.00	54.62 -2.80 0.00	56.54 -3.57 0.00	48.32 -2.61 0.00	45.70 -2.26 0.00	42.17 -1.79 0.00
BARRETT_IC_1 23704	51.01 1.80 0.00	51.85 1.37 0.00	50.70 1.42 0.00	53.23 1.77 0.00	42.27 1.67 0.00	57.67 2.55 0.00	69.46 3.08 0.00	74.31 3.43 0.00	50.86 2.79 -0.32	208.98 2.08 -163.75	61.12 2.65 -11.99	97.89 2.61 -42.77	60.76 3.05 0.00	60.04 3.13 0.00	65.64 3.67 0.00	75.03 4.29 0.00	87.69 4.52 0.00	110.44 6.37 0.00	92.44 5.62 0.00	66.65 4.11 -5.12	64.27 4.16 0.00	54.43 3.49 0.00	51.30 2.92 -0.42	46.51 2.55 0.00
BARRETT_IC_10 23701	51.01 1.80 0.00	51.85 1.37 0.00	50.70 1.42 0.00	53.23 1.77 0.00	42.27 1.67 0.00	57.67 2.55 0.00	69.46 3.08 0.00	74.31 3.43 0.00	50.86 2.79 -0.32	208.98 2.08 -163.75	61.12 2.65 -11.99	97.89 2.61 -42.77	60.76 3.05 0.00	60.04 3.13 0.00	65.64 3.67 0.00	75.03 4.29 0.00	87.69 4.52 0.00	110.44 6.37 0.00	92.44 5.62 0.00	66.65 4.11 -5.12	64.27 4.16 0.00	54.43 3.49 0.00	51.30 2.92 -0.42	46.51 2.55 0.00
BARRETT_IC_11 23702	51.01 1.80 0.00	51.85 1.37 0.00	50.70 1.42 0.00	53.23 1.77 0.00	42.27 1.67 0.00	57.67 2.55 0.00	69.46 3.08 0.00	74.31 3.43 0.00	50.86 2.79 -0.32	208.98 2.08 -163.75	61.12 2.65 -11.99	97.89 2.61 -42.77	60.76 3.05 0.00	60.04 3.13 0.00	65.64 3.67 0.00	75.03 4.29 0.00	87.69 4.52 0.00	110.44 6.37 0.00	92.44 5.62 0.00	66.65 4.11 -5.12	64.27 4.16 0.00	54.43 3.49 0.00	51.30 2.92 -0.42	46.51 2.55 0.00
BARRETT_IC_12 23703	51.01 1.80 0.00	51.85 1.37 0.00	50.70 1.42 0.00	53.23 1.77 0.00	42.27 1.67 0.00	57.67 2.55 0.00	69.46 3.08 0.00	74.31 3.43 0.00	50.86 2.79 -0.32	208.98 2.08 -163.75	61.12 2.65 -11.99	97.89 2.61 -42.77	60.76 3.05 0.00	60.04 3.13 0.00	65.64 3.67 0.00	75.03 4.29 0.00	87.69 4.52 0.00	110.44 6.37 0.00	92.44 5.62 0.00	66.65 4.11 -5.12	64.27 4.16 0.00	54.43 3.49 0.00	51.30 2.92 -0.42	46.51 2.55 0.00
BARRETT_IC_2 23705	51.01 1.80 0.00	51.85 1.37 0.00	50.70 1.42 0.00	53.23 1.77 0.00	42.27 1.67 0.00	57.67 2.55 0.00	69.46 3.08 0.00	74.31 3.43 0.00	50.86 2.79 -0.32	208.98 2.08 -163.75	61.12 2.65 -11.99	97.89 2.61 -42.77	60.76 3.05 0.00	60.04 3.13 0.00	65.64 3.67 0.00	75.03 4.29 0.00	87.69 4.52 0.00	110.44 6.37 0.00	92.44 5.62 0.00	66.65 4.11 -5.12	64.27 4.16 0.00	54.43 3.49 0.00	51.30 2.92 -0.42	46.51 2.55 0.00
BARRETT_IC_3 23706	51.01 1.80 0.00	51.85 1.37 0.00	50.70 1.42 0.00	53.23 1.77 0.00	42.27 1.67 0.00	57.67 2.55 0.00	69.46 3.08 0.00	74.31 3.43 0.00	50.86 2.79 -0.32	208.98 2.08 -163.75	61.12 2.65 -11.99	97.89 2.61 -42.77	60.76 3.05 0.00	60.04 3.13 0.00	65.64 3.67 0.00	75.03 4.29 0.00	87.69 4.52 0.00	110.44 6.37 0.00	92.44 5.62 0.00	66.65 4.11 -5.12	64.27 4.16 0.00	54.43 3.49 0.00	51.30 2.92 -0.42	46.51 2.55 0.00
BARRETT_IC_4 23707	51.01 1.80 0.00	51.85 1.37 0.00	50.70 1.42 0.00	53.23 1.77 0.00	42.27 1.67 0.00	57.67 2.55 0.00	69.46 3.08 0.00	74.31 3.43 0.00	50.86 2.79 -0.32	208.98 2.08 -163.75	61.12 2.65 -11.99	97.89 2.61 -42.77	60.76 3.05 0.00	60.04 3.13 0.00	65.64 3.67 0.00	75.03 4.29 0.00	87.69 4.52 0.00	110.44 6.37 0.00	92.44 5.62 0.00	66.65 4.11 -5.12	64.27 4.16 0.00	54.43 3.49 0.00	51.30 2.92 -0.42	46.51 2.55 0.00

BARRETT_IC_5 23708	51.01 1.80 0.00	51.85 1.37 0.00	50.70 1.42 0.00	53.23 1.77 0.00	42.27 1.67 0.00	57.67 2.55 0.00	69.46 3.08 0.00	74.31 3.43 0.00	50.86 2.79 -0.32	208.98 2.08 -163.75	61.12 2.65 -11.99	97.89 2.61 -42.77	60.76 3.05 0.00	60.04 3.13 0.00	65.64 3.67 0.00	75.03 4.29 0.00	87.69 4.52 0.00	110.44 6.37 0.00	92.44 5.62 0.00	66.65 4.11 -5.12	64.27 4.16 0.00	54.43 3.49 0.00	51.30 2.92 -0.42	46.51 2.55 0.00
BARRETT_IC_6 23709	51.01 1.80 0.00	51.85 1.37 0.00	50.70 1.42 0.00	53.23 1.77 0.00	42.27 1.67 0.00	57.67 2.55 0.00	69.46 3.08 0.00	74.31 3.43 0.00	50.86 2.79 -0.32	208.98 2.08 -163.75	61.12 2.65 -11.99	97.89 2.61 -42.77	60.76 3.05 0.00	60.04 3.13 0.00	65.64 3.67 0.00	75.03 4.29 0.00	87.69 4.52 0.00	110.44 6.37 0.00	92.44 5.62 0.00	66.65 4.11 -5.12	64.27 4.16 0.00	54.43 3.49 0.00	51.30 2.92 -0.42	46.51 2.55 0.00
BARRETT_IC_7 23710	51.01 1.80 0.00	51.85 1.37 0.00	50.71 1.42 0.00	53.23 1.77 0.00	42.27 1.67 0.00	57.67 2.55 0.00	69.46 3.08 0.00	74.31 3.43 0.00	50.86 2.79 -0.32	208.98 2.08 -163.75	61.12 2.64 -11.99	97.89 2.61 -42.77	60.76 3.06 0.00	60.05 3.14 0.00	65.63 3.67 0.00	75.03 4.29 0.00	87.69 4.53 0.00	110.44 6.37 0.00	92.44 5.62 0.00	66.65 4.11 -5.12	64.27 4.17 0.00	54.43 3.49 0.00	51.30 2.92 -0.42	46.51 2.55 0.00
BARRETT_IC_8 23711	51.01 1.80 0.00	51.85 1.37 0.00	50.70 1.42 0.00	53.23 1.77 0.00	42.27 1.67 0.00	57.67 2.55 0.00	69.46 3.08 0.00	74.31 3.43 0.00	50.86 2.79 -0.32	208.98 2.08 -163.75	61.12 2.65 -11.99	97.89 2.61 -42.77	60.76 3.05 0.00	60.04 3.13 0.00	65.64 3.67 0.00	75.03 4.29 0.00	87.69 4.52 0.00	110.44 6.37 0.00	92.44 5.62 0.00	66.65 4.11 -5.12	64.27 4.16 0.00	54.43 3.49 0.00	51.30 2.92 -0.42	46.51 2.55 0.00
BARRETT_IC_9 23700	51.01 1.80 0.00	51.85 1.37 0.00	50.70 1.42 0.00	53.23 1.77 0.00	42.27 1.67 0.00	57.67 2.55 0.00	69.46 3.08 0.00	74.31 3.43 0.00	50.86 2.79 -0.32	208.98 2.08 -163.75	61.12 2.65 -11.99	97.89 2.61 -42.77	60.76 3.05 0.00	60.04 3.13 0.00	65.64 3.67 0.00	75.03 4.29 0.00	87.69 4.52 0.00	110.44 6.37 0.00	92.44 5.62 0.00	66.65 4.11 -5.12	64.27 4.16 0.00	54.43 3.49 0.00	51.30 2.92 -0.42	46.51 2.55 0.00
BARRETT___1 23545	51.01 1.80 0.00	51.85 1.37 0.00	50.70 1.42 0.00	53.23 1.77 0.00	42.27 1.67 0.00	57.67 2.55 0.00	69.46 3.08 0.00	74.31 3.43 0.00	50.86 2.79 -0.32	208.98 2.08 -163.75	61.12 2.65 -11.99	97.89 2.61 -42.77	60.76 3.05 0.00	60.04 3.13 0.00	65.64 3.67 0.00	75.03 4.29 0.00	87.69 4.52 0.00	110.44 6.37 0.00	92.44 5.62 0.00	66.65 4.11 -5.12	64.27 4.16 0.00	54.43 3.49 0.00	51.30 2.92 -0.42	46.51 2.55 0.00
BARRETT___2 23546	51.01 1.80 0.00	51.85 1.37 0.00	50.70 1.42 0.00	53.23 1.77 0.00	42.27 1.67 0.00	57.67 2.55 0.00	69.46 3.08 0.00	74.31 3.43 0.00	50.86 2.79 -0.32	208.98 2.08 -163.75	61.12 2.65 -11.99	97.89 2.61 -42.77	60.76 3.05 0.00	60.04 3.13 0.00	65.64 3.67 0.00	75.03 4.29 0.00	87.69 4.52 0.00	110.44 6.37 0.00	92.44 5.62 0.00	66.65 4.11 -5.12	64.27 4.16 0.00	54.43 3.49 0.00	51.30 2.92 -0.42	46.51 2.55 0.00
BATAVIA__115KV_TB1 55881	47.83 -1.38 0.00	48.60 -1.88 0.00	47.26 -2.02 0.00	49.39 -2.06 0.00	39.20 -1.41 0.00	53.21 -1.91 0.00	63.53 -2.85 0.00	67.41 -3.47 0.00	45.85 -1.90 0.00	42.12 -1.04 0.00	45.33 -1.16 0.00	51.11 -1.41 0.00	56.38 -1.32 0.00	55.36 -1.55 0.00	60.09 -1.88 0.00	68.86 -1.89 0.00	81.40 -1.76 0.00	101.45 -2.61 0.00	84.07 -2.75 0.00	54.75 -2.67 0.00	56.58 -3.53 0.00	48.14 -2.79 0.00	45.83 -2.13 0.00	42.60 -1.36 0.00
BAYONEEC___CTG1 323682	50.56 1.35 0.00	51.63 1.16 0.00	50.51 1.23 0.00	52.96 1.50 0.00	42.04 1.44 0.00	57.24 2.13 0.00	68.84 2.46 0.00	74.07 3.19 0.00	50.63 2.56 -0.32	209.35 2.11 -164.08	60.79 2.30 -12.01	97.88 2.50 -42.87	60.68 2.98 0.00	60.02 3.11 0.00	65.41 3.44 0.00	74.75 4.01 0.00	87.65 4.49 0.00	109.92 5.85 0.00	91.73 4.92 0.00	60.95 3.53 0.00	63.88 3.77 0.00	54.07 3.14 0.00	51.23 2.85 -0.42	46.39 2.43 0.00
BAYONEEC___CTG10 323750	50.56 1.35 0.00	51.63 1.16 0.00	50.51 1.23 0.00	52.96 1.50 0.00	42.04 1.44 0.00	57.24 2.13 0.00	68.84 2.46 0.00	74.07 3.19 0.00	50.63 2.56 -0.32	209.35 2.11 -164.08	60.79 2.30 -12.01	97.88 2.50 -42.87	60.68 2.98 0.00	60.02 3.11 0.00	65.41 3.44 0.00	74.75 4.01 0.00	87.65 4.49 0.00	109.92 5.85 0.00	91.73 4.92 0.00	60.95 3.53 0.00	63.88 3.77 0.00	54.07 3.14 0.00	51.23 2.85 -0.42	46.39 2.43 0.00
BAYONEEC___CTG2 323683	50.56 1.35 0.00	51.63 1.16 0.00	50.51 1.23 0.00	52.96 1.50 0.00	42.04 1.44 0.00	57.24 2.13 0.00	68.84 2.46 0.00	74.07 3.19 0.00	50.63 2.56 -0.32	209.35 2.11 -164.08	60.79 2.30 -12.01	97.88 2.50 -42.87	60.68 2.98 0.00	60.02 3.11 0.00	65.41 3.44 0.00	74.75 4.01 0.00	87.65 4.49 0.00	109.92 5.85 0.00	91.73 4.92 0.00	60.95 3.53 0.00	63.88 3.77 0.00	54.07 3.14 0.00	51.23 2.85 -0.42	46.39 2.43 0.00
BAYONEEC___CTG3 323684	50.56 1.35 0.00	51.63 1.16 0.00	50.51 1.23 0.00	52.96 1.50 0.00	42.04 1.44 0.00	57.24 2.13 0.00	68.84 2.46 0.00	74.07 3.19 0.00	50.63 2.56 -0.32	209.35 2.11 -164.08	60.79 2.30 -12.01	97.88 2.50 -42.87	60.68 2.98 0.00	60.02 3.11 0.00	65.41 3.44 0.00	74.75 4.01 0.00	87.65 4.49 0.00	109.92 5.85 0.00	91.73 4.92 0.00	60.95 3.53 0.00	63.88 3.77 0.00	54.07 3.14 0.00	51.23 2.85 -0.42	46.39 2.43 0.00
BAYONEEC___CTG4 323685	50.56 1.35 0.00	51.63 1.16 0.00	50.51 1.23 0.00	52.96 1.50 0.00	42.04 1.44 0.00	57.24 2.13 0.00	68.84 2.46 0.00	74.07 3.19 0.00	50.63 2.56 -0.32	209.35 2.11 -164.08	60.79 2.30 -12.01	97.88 2.50 -42.87	60.68 2.98 0.00	60.02 3.11 0.00	65.41 3.44 0.00	74.75 4.01 0.00	87.65 4.49 0.00	109.92 5.85 0.00	91.73 4.92 0.00	60.95 3.53 0.00	63.88 3.77 0.00	54.07 3.14 0.00	51.23 2.85 -0.42	46.39 2.43 0.00
BAYONEEC___CTG5 323686	50.56 1.35 0.00	51.63 1.16 0.00	50.51 1.23 0.00	52.96 1.50 0.00	42.04 1.44 0.00	57.24 2.13 0.00	68.84 2.46 0.00	74.07 3.19 0.00	50.63 2.56 -0.32	209.35 2.11 -164.08	60.79 2.30 -12.01	97.88 2.50 -42.87	60.68 2.98 0.00	60.02 3.11 0.00	65.41 3.44 0.00	74.75 4.01 0.00	87.65 4.49 0.00	109.92 5.85 0.00	91.73 4.92 0.00	60.95 3.53 0.00	63.88 3.77 0.00	54.07 3.14 0.00	51.23 2.85 -0.42	46.39 2.43 0.00
BAYONEEC___CTG6 323687	50.56 1.35 0.00	51.63 1.16 0.00	50.51 1.23 0.00	52.96 1.50 0.00	42.04 1.44 0.00	57.24 2.13 0.00	68.84 2.46 0.00	74.07 3.19 0.00	50.63 2.56 -0.32	209.35 2.11 -164.08	60.79 2.30 -12.01	97.88 2.50 -42.87	60.68 2.98 0.00	60.02 3.11 0.00	65.41 3.44 0.00	74.75 4.01 0.00	87.65 4.49 0.00	109.92 5.85 0.00	91.73 4.92 0.00	60.95 3.53 0.00	63.88 3.77 0.00	54.07 3.14 0.00	51.23 2.85 -0.42	46.39 2.43 0.00

BAYONEEC___CTG7 323688	50.56 1.35 0.00	51.63 1.16 0.00	50.51 1.23 0.00	52.96 1.50 0.00	42.04 1.44 0.00	57.24 2.13 0.00	68.84 2.46 0.00	74.07 3.19 0.00	50.63 2.56 -0.32	209.35 2.11 -164.08	60.79 2.30 -12.01	97.88 2.50 -42.87	60.68 2.98 0.00	60.02 3.11 0.00	65.41 3.44 0.00	74.75 4.01 0.00	87.65 4.49 0.00	109.92 5.85 0.00	91.73 4.92 0.00	60.95 3.53 0.00	63.88 3.77 0.00	54.07 3.14 0.00	51.23 2.85 -0.42	46.39 2.43 0.00
BAYONEEC___CTG8 323689	50.56 1.35 0.00	51.63 1.16 0.00	50.51 1.23 0.00	52.96 1.50 0.00	42.04 1.44 0.00	57.24 2.13 0.00	68.84 2.46 0.00	74.07 3.19 0.00	50.63 2.56 -0.32	209.35 2.11 -164.08	60.79 2.30 -12.01	97.88 2.50 -42.87	60.68 2.98 0.00	60.02 3.11 0.00	65.41 3.44 0.00	74.75 4.01 0.00	87.65 4.49 0.00	109.92 5.85 0.00	91.73 4.92 0.00	60.95 3.53 0.00	63.88 3.77 0.00	54.07 3.14 0.00	51.23 2.85 -0.42	46.39 2.43 0.00
BAYONEEC___CTG9 323749	50.56 1.35 0.00	51.63 1.16 0.00	50.51 1.23 0.00	52.96 1.50 0.00	42.04 1.44 0.00	57.24 2.13 0.00	68.84 2.46 0.00	74.07 3.19 0.00	50.63 2.56 -0.32	209.35 2.11 -164.08	60.79 2.30 -12.01	97.88 2.50 -42.87	60.68 2.98 0.00	60.02 3.11 0.00	65.41 3.44 0.00	74.75 4.01 0.00	87.65 4.49 0.00	109.92 5.85 0.00	91.73 4.92 0.00	60.95 3.53 0.00	63.88 3.77 0.00	54.07 3.14 0.00	51.23 2.85 -0.42	46.39 2.43 0.00
BEACON___LESR 323632	50.80 1.58 0.00	52.09 1.62 0.00	50.95 1.66 0.00	53.10 1.64 0.00	41.70 1.09 0.00	56.44 1.33 0.00	68.15 1.77 0.00	72.88 1.99 0.00	49.32 1.50 -0.07	82.29 1.35 -37.78	50.63 1.37 -2.77	63.47 1.59 -9.36	59.37 1.66 0.00	58.81 1.90 0.00	64.11 2.14 0.00	73.25 2.50 0.00	86.00 2.84 0.00	107.82 3.75 0.00	90.15 3.34 0.00	59.62 2.21 0.00	62.34 2.23 0.00	52.84 1.91 0.00	49.94 1.89 -0.09	45.45 1.49 0.00
BEAVER RIVER___HYD 24048	50.34 1.12 0.00	51.56 1.09 0.00	50.32 1.04 0.00	52.42 0.96 0.00	41.24 0.64 0.00	56.08 0.96 0.00	67.65 1.27 0.00	72.45 1.56 0.00	48.73 0.98 0.00	43.39 0.23 0.00	46.47 -0.02 0.00	52.18 -0.34 0.00	57.36 -0.34 0.00	56.44 -0.47 0.00	60.49 -1.48 0.00	68.60 -2.15 0.00	80.99 -2.17 0.00	101.89 -2.18 0.00	85.63 -1.19 0.00	56.88 -0.53 0.00	59.29 -0.81 0.00	50.02 -0.91 0.00	46.70 -1.26 0.00	42.99 -0.97 0.00
BEEBEE_GT_13 23619	47.30 -1.93 0.00	48.17 -2.30 0.00	46.91 -2.37 0.00	49.04 -2.41 0.00	38.88 -1.72 0.00	52.74 -2.37 0.00	63.26 -3.12 0.00	67.18 -3.70 0.00	45.46 -2.29 0.00	41.55 -1.61 0.00	44.77 -1.72 0.00	50.65 -1.87 0.00	55.81 -1.90 0.00	55.00 -1.92 0.00	59.77 -2.20 0.00	68.15 -2.59 0.00	80.43 -2.73 0.00	100.38 -3.69 0.00	83.37 -3.45 0.00	54.59 -2.82 0.00	56.61 -3.49 0.00	48.04 -2.90 0.00	45.46 -2.49 0.00	42.06 -1.90 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.22 2.00 0.00	52.24 1.77 0.00	51.12 1.83 0.00	53.58 2.12 0.00	42.52 1.92 0.00	57.90 2.79 0.00	69.60 3.22 0.00	74.86 3.98 0.00	51.23 3.17 -0.32	209.77 2.62 -164.00	61.39 2.90 -12.00	98.52 3.16 -42.84	61.43 3.73 0.00	60.76 3.85 0.00	66.20 4.23 0.00	75.63 4.89 0.00	88.70 5.54 0.00	111.26 7.20 0.00	92.87 6.05 0.00	61.73 4.32 0.00	64.71 4.60 0.00	54.77 3.84 0.00	51.82 3.44 -0.42	46.94 2.98 0.00
BETHLEHEM___GRP 23843	50.22 1.00 0.00	51.41 0.94 0.00	50.27 0.99 0.00	52.45 0.99 0.00	41.13 0.52 0.00	55.34 0.22 0.00	66.67 0.29 0.00	71.41 0.53 0.00	48.37 0.55 -0.07	81.17 0.35 -37.66	49.57 0.33 -2.76	62.29 0.45 -9.33	58.10 0.40 0.00	57.52 0.60 0.00	62.73 0.76 0.00	71.75 1.01 0.00	84.06 0.90 0.00	105.33 1.26 0.00	88.02 1.20 0.00	58.31 0.89 0.00	61.02 0.92 0.00	51.77 0.83 0.00	49.04 0.99 -0.09	44.75 0.79 0.00
BETHLEHEM___GS1 323560	50.22 1.00 0.00	51.41 0.94 0.00	50.27 0.99 0.00	52.45 0.99 0.00	41.12 0.52 0.00	55.34 0.23 0.00	66.67 0.29 0.00	71.41 0.53 0.00	48.37 0.55 -0.07	81.18 0.36 -37.66	49.57 0.32 -2.76	62.29 0.44 -9.33	58.10 0.40 0.00	57.52 0.60 0.00	62.73 0.76 0.00	71.75 1.01 0.00	84.06 0.90 0.00	105.33 1.26 0.00	88.02 1.20 0.00	58.31 0.89 0.00	61.02 0.91 0.00	51.77 0.84 0.00	49.04 0.99 -0.09	44.75 0.79 0.00
BETHLEHEM___GS2 323561	50.22 1.00 0.00	51.41 0.94 0.00	50.27 0.99 0.00	52.45 0.99 0.00	41.12 0.52 0.00	55.34 0.23 0.00	66.67 0.29 0.00	71.41 0.53 0.00	48.37 0.55 -0.07	81.18 0.36 -37.66	49.57 0.32 -2.76	62.29 0.44 -9.33	58.10 0.40 0.00	57.52 0.60 0.00	62.73 0.76 0.00	71.75 1.01 0.00	84.06 0.90 0.00	105.33 1.26 0.00	88.02 1.20 0.00	58.31 0.89 0.00	61.02 0.91 0.00	51.77 0.84 0.00	49.04 0.99 -0.09	44.75 0.79 0.00
BETHLEHEM___GS3 323562	50.22 1.00 0.00	51.41 0.94 0.00	50.27 0.99 0.00	52.45 0.99 0.00	41.12 0.52 0.00	55.34 0.23 0.00	66.67 0.29 0.00	71.41 0.53 0.00	48.37 0.55 -0.07	81.18 0.36 -37.66	49.57 0.32 -2.76	62.29 0.44 -9.33	58.10 0.40 0.00	57.52 0.60 0.00	62.73 0.76 0.00	71.75 1.01 0.00	84.06 0.90 0.00	105.33 1.26 0.00	88.02 1.20 0.00	58.31 0.89 0.00	61.02 0.91 0.00	51.77 0.84 0.00	49.04 0.99 -0.09	44.75 0.79 0.00
BETHLEHEM___STEEL 23779	47.62 -1.60 0.00	48.27 -2.20 0.00	46.93 -2.36 0.00	49.08 -2.37 0.00	38.86 -1.74 0.00	52.61 -2.51 0.00	62.57 -3.82 0.00	65.98 -4.91 0.00	44.72 -3.03 0.00	41.15 -2.01 0.00	44.17 -2.32 0.00	49.76 -2.76 0.00	55.05 -2.65 0.00	54.14 -2.77 0.00	58.82 -3.15 0.00	67.36 -3.38 0.00	79.41 -3.75 0.00	98.86 -5.20 0.00	81.92 -4.89 0.00	53.31 -4.11 0.00	55.08 -5.02 0.00	47.02 -3.91 0.00	44.86 -3.10 0.00	41.89 -2.07 0.00
BETHLHEM_115KV_TB1 79974	50.21 0.99 0.00	51.39 0.92 0.00	50.25 0.97 0.00	52.44 0.99 0.00	41.17 0.56 0.00	55.46 0.34 0.00	66.82 0.44 0.00	71.56 0.68 0.00	48.47 0.65 -0.07	81.18 0.45 -37.57	49.69 0.45 -2.75	62.39 0.56 -9.30	58.25 0.54 0.00	57.64 0.73 0.00	62.87 0.90 0.00	71.89 1.15 0.00	84.24 1.08 0.00	105.55 1.48 0.00	88.20 1.38 0.00	58.43 1.01 0.00	61.15 1.04 0.00	51.85 0.92 0.00	49.08 1.03 -0.09	44.80 0.84 0.00
BETHPAGE_CC_5 323564	51.37 2.15 0.00	52.23 1.76 0.00	51.11 1.82 0.00	53.67 2.21 0.00	42.65 2.05 0.00	58.15 3.03 0.00	69.86 3.48 0.00	74.75 3.87 0.00	51.16 3.09 -0.32	209.25 2.35 -163.75	61.38 2.91 -11.99	98.17 2.89 -42.77	61.07 3.37 0.00	60.24 3.33 0.00	65.96 3.99 0.00	75.42 4.68 0.00	88.30 5.14 0.00	111.05 6.98 0.00	92.93 6.11 0.00	67.03 4.48 -5.12	64.60 4.49 0.00	54.74 3.81 0.00	51.67 3.29 -0.42	46.88 2.92 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	47.95 -1.27 0.00	48.61 -1.87 0.00	47.26 -2.03 0.00	49.44 -2.02 0.00	39.15 -1.45 0.00	52.99 -2.13 0.00	63.04 -3.34 0.00	66.51 -4.37 0.00	45.11 -2.63 0.00	41.49 -1.67 0.00	44.54 -1.95 0.00	50.15 -2.36 0.00	55.49 -2.22 0.00	54.57 -2.34 0.00	59.29 -2.68 0.00	67.92 -2.82 0.00	80.06 -3.10 0.00	99.67 -4.39 0.00	82.62 -4.19 0.00	53.75 -3.66 0.00	55.57 -4.54 0.00	47.40 -3.53 0.00	45.19 -2.77 0.00	42.20 -1.76 0.00

BINGHAMTON___COGEN 23790	48.87 -0.35 0.00	50.04 -0.43 0.00	48.76 -0.53 0.00	51.03 -0.43 0.00	40.31 -0.29 0.00	54.72 -0.40 0.00	65.97 -0.42 0.00	70.32 -0.57 0.00	47.35 -0.37 0.04	23.21 -0.09 19.86	44.83 -0.21 1.45	47.30 -0.30 4.91	57.57 -0.14 0.00	56.71 -0.20 0.00	61.75 -0.22 0.00	70.62 -0.12 0.00	83.05 -0.11 0.00	103.89 -0.17 0.00	86.87 0.06 0.00	57.39 -0.03 0.00	59.75 -0.36 0.00	50.61 -0.32 0.00	47.64 -0.28 0.04	43.79 -0.18 0.00
BIXINCNT_115KV_LOAD 355685	48.76 -0.46 0.00	49.30 -1.17 0.00	47.93 -1.36 0.00	50.32 -1.14 0.00	39.87 -0.74 0.00	53.81 -1.31 0.00	64.15 -2.24 0.00	67.75 -3.14 0.00	46.68 -1.07 0.00	42.29 -0.87 0.00	45.21 -1.28 0.00	50.61 -1.91 0.00	55.98 -1.72 0.00	54.97 -1.94 0.00	59.97 -2.00 0.00	68.81 -1.93 0.00	81.07 -2.08 0.00	100.45 -3.61 0.00	83.71 -3.11 0.00	54.08 -3.34 0.00	56.34 -3.77 0.00	47.94 -2.99 0.00	45.18 -2.78 0.00	42.68 -1.28 0.00
BLACK RIVER___HYD 24047	50.40 1.18 0.00	51.56 1.09 0.00	50.28 1.00 0.00	52.43 0.97 0.00	41.33 0.72 0.00	56.44 1.32 0.00	68.32 1.94 0.00	73.25 2.37 0.00	49.16 1.41 0.00	43.83 0.67 0.00	46.72 0.23 0.00	52.51 -0.01 0.00	57.78 0.07 0.00	56.75 -0.16 0.00	61.03 -0.94 0.00	69.39 -1.36 0.00	82.30 -0.87 0.00	103.29 -0.78 0.00	86.85 0.03 0.00	57.68 0.27 0.00	60.05 -0.05 0.00	50.45 -0.48 0.00	46.94 -1.02 0.00	43.04 -0.93 0.00
BLACKRVR_115KV_TB2 79977	50.40 1.18 0.00	51.56 1.09 0.00	50.28 1.00 0.00	52.43 0.97 0.00	41.33 0.73 0.00	56.44 1.32 0.00	68.32 1.94 0.00	73.26 2.37 0.00	49.16 1.41 0.00	43.84 0.68 0.00	46.72 0.23 0.00	52.50 -0.01 0.00	57.78 0.07 0.00	56.75 -0.17 0.00	61.03 -0.94 0.00	69.39 -1.36 0.00	82.30 -0.87 0.00	103.29 -0.78 0.00	86.85 0.03 0.00	57.68 0.27 0.00	60.05 -0.05 0.00	50.45 -0.48 0.00	46.94 -1.02 0.00	43.04 -0.92 0.00
BLISS_WT_PWR 323608	48.44 -0.78 0.00	48.96 -1.51 0.00	47.58 -1.70 0.00	49.98 -1.47 0.00	39.59 -1.01 0.00	53.44 -1.67 0.00	63.73 -2.65 0.00	67.31 -3.58 0.00	46.56 -1.18 0.00	42.26 -0.90 0.00	45.13 -1.36 0.00	50.46 -2.05 0.00	55.82 -1.88 0.00	54.79 -2.12 0.00	59.83 -2.14 0.00	68.69 -2.05 0.00	80.93 -2.23 0.00	92.54 -3.87 7.65	83.53 -3.28 0.00	53.89 -3.52 0.00	56.18 -3.92 0.00	47.81 -3.12 0.00	45.00 -2.95 0.00	42.56 -1.40 0.00
BLUESTONE___WT_PWR 323821	51.58 2.37 0.00	52.80 2.33 0.00	51.46 2.18 0.00	53.79 2.33 0.00	42.04 1.44 0.00	56.03 0.91 0.00	67.61 1.23 0.00	72.46 1.58 0.00	48.38 0.73 0.10	-8.93 1.28 53.36	43.40 0.82 3.91	40.48 1.17 13.20	58.65 0.94 0.00	57.58 0.66 0.00	62.80 0.83 0.00	71.88 1.14 0.00	85.67 2.51 0.00	109.82 4.82 -0.93	90.18 3.36 0.00	59.72 2.30 0.00	62.56 2.45 0.00	53.20 2.27 0.00	49.97 2.05 0.04	45.91 1.95 0.00
BLUE_CIRC_CHEM_DRP 24182	50.50 1.29 0.00	51.73 1.26 0.00	50.57 1.29 0.00	52.79 1.34 0.00	41.58 0.98 0.00	56.17 1.05 0.00	67.64 1.26 0.00	72.35 1.47 0.00	48.92 1.11 -0.06	77.32 0.78 -33.38	49.78 0.85 -2.44	61.89 1.10 -8.27	58.86 1.15 0.00	58.25 1.34 0.00	63.51 1.55 0.00	72.62 1.87 0.00	85.13 1.97 0.00	106.64 2.58 0.00	89.07 2.25 0.00	58.99 1.57 0.00	61.73 1.62 0.00	52.29 1.35 0.00	49.42 1.38 -0.08	45.14 1.18 0.00
BOC_GAS_DRP 24189	50.04 0.82 0.00	51.23 0.76 0.00	50.08 0.79 0.00	52.31 0.85 0.00	41.23 0.63 0.00	55.80 0.68 0.00	67.20 0.82 0.00	71.90 1.02 0.00	48.70 0.88 -0.07	80.86 0.68 -37.03	49.88 0.68 -2.71	62.48 0.80 -9.17	58.53 0.83 0.00	57.89 0.98 0.00	63.12 1.15 0.00	72.14 1.40 0.00	84.55 1.39 0.00	105.92 1.85 0.00	88.49 1.67 0.00	58.63 1.22 0.00	61.38 1.28 0.00	52.00 1.07 0.00	49.09 1.04 -0.09	44.82 0.86 0.00
BOONVILLE_115KV_TB1 79983	50.38 1.16 0.00	51.63 1.15 0.00	50.42 1.13 0.00	52.60 1.15 0.00	41.51 0.91 0.00	56.51 1.39 0.00	68.29 1.90 0.00	73.04 2.16 0.00	49.17 1.42 0.00	44.13 0.98 0.00	47.41 0.92 0.00	53.39 0.87 0.00	58.69 0.99 0.00	57.89 0.98 0.00	62.71 0.74 0.00	71.42 0.68 0.00	84.08 0.92 0.00	105.45 1.39 0.00	88.26 1.45 0.00	58.49 1.08 0.00	61.02 0.92 0.00	51.54 0.61 0.00	48.29 0.33 0.00	44.21 0.25 0.00
BORALEX_4TH_BRANCH 23824	52.05 2.83 0.00	53.30 2.83 0.00	52.17 2.89 0.00	54.56 3.10 0.00	43.14 2.53 0.00	58.35 3.23 0.00	70.19 3.81 0.00	75.21 4.33 0.00	50.97 3.14 -0.08	91.44 2.75 -45.54	52.52 2.70 -3.33	66.84 3.05 -11.28	60.75 3.05 0.00	60.26 3.35 0.00	65.79 3.82 0.00	75.39 4.65 0.00	87.92 4.76 0.00	110.12 6.05 0.00	92.40 5.58 0.00	61.26 3.85 0.00	64.23 4.12 0.00	54.37 3.44 0.00	51.18 3.11 -0.11	46.61 2.65 0.00
BOWLINE___1 23526	50.22 1.00 0.00	51.28 0.81 0.00	50.14 0.86 0.00	52.55 1.10 0.00	41.68 1.08 0.00	56.76 1.65 0.00	68.42 2.03 0.00	73.48 2.60 0.00	49.20 2.00 0.55	-282.76 1.66 327.57	24.29 1.80 24.00	-19.31 1.89 73.71	59.88 2.17 0.00	59.25 2.34 0.00	64.57 2.60 0.00	73.77 3.03 0.00	86.51 3.35 0.00	108.49 4.42 0.00	90.61 3.79 0.00	60.18 2.77 0.00	63.04 2.93 0.00	53.30 2.37 0.00	49.23 2.00 0.73	45.65 1.69 0.00
BOWLINE___2 23595	50.30 1.08 0.00	51.36 0.88 0.00	50.23 0.94 0.00	52.65 1.19 0.00	41.74 1.13 0.00	56.85 1.74 0.00	68.52 2.14 0.00	73.59 2.71 0.00	49.26 2.06 0.55	-280.76 1.71 325.63	24.50 1.87 23.86	-19.25 1.95 73.72	59.95 2.25 0.00	59.32 2.41 0.00	64.69 2.72 0.00	73.88 3.14 0.00	86.64 3.48 0.00	108.66 4.60 0.00	90.74 3.92 0.00	60.25 2.84 0.00	63.13 3.02 0.00	53.39 2.45 0.00	49.31 2.08 0.73	45.71 1.75 0.00
BRADY___115KV_TB2 356060	51.26 2.04 0.00	52.76 2.29 0.00	51.47 2.19 0.00	53.48 2.02 0.00	41.91 1.30 0.00	57.04 1.93 0.00	68.63 2.24 0.00	73.39 2.51 0.00	49.95 2.20 0.00	44.66 1.50 0.00	48.34 1.85 0.00	54.57 2.06 0.00	59.88 2.18 0.00	59.30 2.39 0.00	62.53 0.56 0.00	70.20 -0.54 0.00	82.63 -0.53 0.00	104.28 0.22 0.00	87.33 0.51 0.00	57.61 0.19 0.00	59.93 -0.18 0.00	51.04 0.11 0.00	48.10 0.14 0.00	45.22 1.26 0.00
BRANSCOMB___SOLAR 323811	51.60 2.38 0.00	52.86 2.39 0.00	51.75 2.47 0.00	54.08 2.62 0.00	42.73 2.13 0.00	58.09 2.98 0.00	70.05 3.67 0.00	74.96 4.08 0.00	50.65 2.83 -0.07	83.31 2.41 -37.75	51.69 2.43 -2.76	64.75 2.88 -9.35	60.78 3.07 0.00	60.24 3.33 0.00	65.73 3.76 0.00	75.33 4.58 0.00	88.37 5.21 0.00	110.65 6.59 0.00	92.70 5.88 0.00	61.32 3.91 0.00	64.09 3.98 0.00	54.15 3.22 0.00	50.90 2.85 -0.09	46.35 2.38 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	51.99 2.77 0.00	52.81 2.33 0.00	51.66 2.37 0.00	54.28 2.82 0.00	43.15 2.54 0.00	58.88 3.77 0.00	70.91 4.53 0.00	75.52 4.64 0.00	51.72 3.66 -0.32	209.85 2.94 -163.75	62.10 3.62 -11.99	99.00 3.72 -42.77	62.00 4.30 0.00	61.04 4.13 0.00	66.56 4.59 0.00	75.84 5.10 0.00	88.74 5.59 0.00	111.61 7.55 0.00	93.94 7.13 0.00	68.03 5.49 -5.12	65.60 5.49 0.00	55.58 4.64 0.00	52.36 3.97 -0.42	47.36 3.40 0.00

BRISTLHL_115KV_TB1 79998	47.54 -1.68 0.00	48.63 -1.84 0.00	47.45 -1.83 0.00	49.62 -1.84 0.00	39.24 -1.36 0.00	53.33 -1.79 0.00	64.35 -2.03 0.00	68.74 -2.15 0.00	46.35 -1.39 0.00	41.99 -1.17 0.00	45.20 -1.29 0.00	51.05 -1.47 0.00	56.17 -1.54 0.00	55.42 -1.49 0.00	60.32 -1.65 0.00	68.89 -1.85 0.00	80.99 -2.17 0.00	101.38 -2.68 0.00	84.54 -2.28 0.00	55.86 -1.55 0.00	58.28 -1.83 0.00	49.33 -1.60 0.00	46.41 -1.55 0.00	42.54 -1.42 0.00
BROOKHAVEN___DRP 24191	51.88 2.67 0.00	52.69 2.21 0.00	51.53 2.25 0.00	54.15 2.69 0.00	43.10 2.50 0.00	58.85 3.73 0.00	70.94 4.55 0.00	75.92 5.04 0.00	51.90 3.84 -0.32	209.69 2.79 -163.75	61.90 3.42 -11.99	98.86 3.58 -42.77	61.87 4.17 0.00	60.93 4.02 0.00	66.84 4.87 0.00	76.44 5.70 0.00	89.51 6.34 0.00	112.62 8.56 0.00	94.31 7.49 0.00	67.87 5.33 -5.12	65.49 5.38 0.00	55.47 4.53 0.00	52.32 3.94 -0.42	47.25 3.29 0.00
BROOKLYN_NAVY_YARD 23515	50.51 1.29 0.00	51.64 1.17 0.00	50.52 1.24 0.00	53.03 1.57 0.00	42.06 1.46 0.00	57.28 2.16 0.00	68.90 2.52 0.00	74.06 3.18 0.00	50.61 2.54 -0.32	209.33 2.09 -164.08	60.77 2.27 -12.01	97.88 2.50 -42.87	60.65 2.95 0.00	60.00 3.09 0.00	65.39 3.42 0.00	74.74 3.99 0.00	87.68 4.51 0.00	109.91 5.84 0.00	91.70 4.89 0.00	60.93 3.51 0.00	63.86 3.75 0.00	54.03 3.10 0.00	51.19 2.81 -0.42	46.31 2.35 0.00
BROOKLYN___ARMY_DRP 323595	50.98 1.76 0.00	52.00 1.53 0.00	50.88 1.60 0.00	53.35 1.89 0.00	42.33 1.72 0.00	57.65 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.09 3.38 0.00	60.41 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.18 5.02 0.00	110.59 6.52 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.53 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
BROOKVLE_69_KV_TB1 55790	51.40 2.18 0.00	52.29 1.82 0.00	51.14 1.85 0.00	53.66 2.20 0.00	42.62 2.02 0.00	58.12 3.01 0.00	70.00 3.62 0.00	75.06 4.18 0.00	51.25 3.19 -0.32	209.40 2.50 -163.75	61.49 3.01 -11.99	98.46 3.17 -42.77	61.33 3.63 0.00	60.57 3.65 0.00	66.15 4.18 0.00	75.64 4.90 0.00	88.62 5.46 0.00	111.32 7.26 0.00	93.02 6.20 0.00	67.03 4.49 -5.12	64.70 4.59 0.00	54.85 3.91 0.00	51.70 3.32 -0.42	46.84 2.88 0.00
BROOME_2_LFGE 323671	48.87 -0.35 0.00	50.04 -0.43 0.00	48.76 -0.53 0.00	51.03 -0.43 0.00	40.31 -0.29 0.00	54.72 -0.39 0.00	65.97 -0.41 0.00	70.32 -0.57 0.00	47.35 -0.36 0.04	23.20 -0.10 19.86	44.83 -0.21 1.45	47.30 -0.31 4.91	57.57 -0.13 0.00	56.72 -0.19 0.00	61.75 -0.22 0.00	70.62 -0.12 0.00	83.05 -0.11 0.00	105.21 -0.17 -1.32	86.87 0.06 0.00	57.39 -0.02 0.00	59.75 -0.35 0.00	50.62 -0.32 0.00	47.64 -0.28 0.04	43.78 -0.18 0.00
BROOME___LFGE 323600	48.87 -0.35 0.00	50.04 -0.43 0.00	48.76 -0.53 0.00	51.03 -0.43 0.00	40.31 -0.29 0.00	54.72 -0.39 0.00	65.97 -0.41 0.00	70.32 -0.57 0.00	47.35 -0.36 0.04	23.20 -0.10 19.86	44.83 -0.21 1.45	47.30 -0.31 4.91	57.57 -0.13 0.00	56.72 -0.19 0.00	61.75 -0.22 0.00	70.62 -0.12 0.00	83.05 -0.11 0.00	105.21 -0.17 -1.32	86.87 0.06 0.00	57.39 -0.02 0.00	59.75 -0.35 0.00	50.62 -0.32 0.00	47.64 -0.28 0.04	43.78 -0.18 0.00
BROWNFLS_115KV_TB_3_5 80003	50.36 1.14 0.00	51.65 1.18 0.00	50.40 1.12 0.00	52.43 0.97 0.00	41.10 0.50 0.00	55.43 0.31 0.00	66.40 0.01 0.00	71.10 0.22 0.00	48.12 0.37 0.00	43.00 -0.16 0.00	46.48 -0.01 0.00	52.29 -0.23 0.00	57.29 -0.41 0.00	56.41 -0.50 0.00	59.89 -2.08 0.00	67.57 -3.18 0.00	79.43 -3.73 0.00	100.01 -4.06 0.00	83.93 -2.89 0.00	55.62 -1.80 0.00	57.99 -2.12 0.00	49.22 -1.71 0.00	46.22 -1.74 0.00	43.04 -0.92 0.00
BROWNSV1_27_KV_LOAD 356125	51.05 1.83 0.00	52.12 1.65 0.00	50.98 1.69 0.00	53.44 1.99 0.00	42.41 1.81 0.00	57.77 2.65 0.00	69.55 3.17 0.00	74.86 3.97 0.00	51.18 3.11 -0.32	209.84 2.61 -164.08	61.34 2.85 -12.01	98.50 3.12 -42.87	61.36 3.66 0.00	60.69 3.78 0.00	66.16 4.19 0.00	75.60 4.86 0.00	88.68 5.52 0.00	111.21 7.15 0.00	92.78 5.96 0.00	61.64 4.22 0.00	64.56 4.46 0.00	54.64 3.70 0.00	51.73 3.35 -0.42	46.83 2.86 0.00
BURROWS___LYONSDAL 23803	50.37 1.15 0.00	51.61 1.14 0.00	50.39 1.10 0.00	52.57 1.11 0.00	41.45 0.85 0.00	56.43 1.32 0.00	68.18 1.80 0.00	72.96 2.07 0.00	49.06 1.31 0.00	43.91 0.75 0.00	47.11 0.62 0.00	52.97 0.46 0.00	58.24 0.53 0.00	57.43 0.51 0.00	62.04 0.07 0.00	70.62 -0.13 0.00	83.18 0.02 0.00	104.44 0.37 0.00	87.55 0.73 0.00	58.07 0.65 0.00	60.58 0.48 0.00	51.16 0.22 0.00	47.86 -0.10 0.00	43.85 -0.11 0.00
CAITHNESS_CC_1 323624	51.71 2.50 0.00	52.52 2.04 0.00	51.36 2.08 0.00	53.98 2.52 0.00	42.95 2.34 0.00	58.63 3.52 0.00	70.62 4.24 0.00	75.59 4.71 0.00	51.69 3.63 -0.32	209.54 2.64 -163.75	61.74 3.26 -11.99	98.66 3.38 -42.77	61.63 3.93 0.00	60.69 3.77 0.00	66.58 4.61 0.00	76.12 5.38 0.00	89.10 5.94 0.00	112.11 8.04 0.00	93.92 7.10 0.00	67.65 5.11 -5.12	65.24 5.13 0.00	55.27 4.33 0.00	52.13 3.75 -0.42	47.09 3.13 0.00
CALPINE BETH_PAGE_GT4 24209	51.46 2.23 0.00	52.29 1.82 0.00	51.16 1.87 0.00	53.72 2.26 0.00	42.70 2.10 0.00	58.18 3.07 0.00	69.82 3.44 0.00	74.76 3.87 0.00	51.14 3.08 -0.32	209.26 2.35 -163.75	61.38 2.90 -11.99	98.18 2.90 -42.77	61.10 3.39 0.00	60.28 3.37 0.00	65.96 3.99 0.00	75.44 4.70 0.00	88.32 5.16 0.00	111.07 7.01 0.00	92.95 6.13 0.00	67.03 4.48 -5.12	64.63 4.52 0.00	54.76 3.83 0.00	51.66 3.28 -0.42	46.93 2.97 0.00
CALPINE_BETH_PAGE_GT_4 323586	51.45 2.24 0.00	52.29 1.82 0.00	51.17 1.88 0.00	53.72 2.26 0.00	42.69 2.09 0.00	58.18 3.06 0.00	69.82 3.43 0.00	74.76 3.88 0.00	51.14 3.08 -0.32	209.26 2.35 -163.75	61.38 2.91 -11.99	98.18 2.90 -42.77	61.09 3.39 0.00	60.27 3.36 0.00	65.96 3.99 0.00	75.45 4.70 0.00	88.32 5.16 0.00	111.08 7.01 0.00	92.95 6.13 0.00	67.02 4.48 -5.12	64.63 4.52 0.00	54.75 3.81 0.00	51.66 3.28 -0.42	46.93 2.97 0.00
CALPINE_BP_GT1 23823	51.45 2.24 0.00	52.29 1.82 0.00	51.17 1.88 0.00	53.72 2.26 0.00	42.69 2.09 0.00	58.18 3.06 0.00	69.82 3.43 0.00	74.76 3.88 0.00	51.14 3.08 -0.32	209.26 2.35 -163.75	61.38 2.91 -11.99	98.18 2.90 -42.77	61.09 3.39 0.00	60.27 3.36 0.00	65.96 3.99 0.00	75.45 4.70 0.00	88.32 5.16 0.00	111.08 7.01 0.00	92.95 6.13 0.00	67.02 4.48 -5.12	64.63 4.52 0.00	54.75 3.81 0.00	51.66 3.28 -0.42	46.93 2.97 0.00
CALSPAN___DRP 24200	47.62 -1.60 0.00	48.27 -2.20 0.00	46.93 -2.36 0.00	49.08 -2.37 0.00	38.86 -1.74 0.00	52.61 -2.51 0.00	62.57 -3.82 0.00	65.98 -4.91 0.00	44.72 -3.03 0.00	41.15 -2.01 0.00	44.17 -2.32 0.00	49.76 -2.76 0.00	55.05 -2.65 0.00	54.14 -2.77 0.00	58.82 -3.15 0.00	67.36 -3.38 0.00	79.41 -3.75 0.00	98.86 -5.20 0.00	81.92 -4.89 0.00	53.31 -4.11 0.00	55.08 -5.02 0.00	47.02 -3.91 0.00	44.86 -3.10 0.00	41.89 -2.07 0.00

CALVERTON___SOLAR 323806	52.07 2.85 0.00	52.87 2.40 0.00	51.72 2.44 0.00	54.34 2.89 0.00	43.26 2.66 0.00	59.10 3.98 0.00	71.27 4.88 0.00	76.28 5.40 0.00	52.12 4.06 -0.32	209.86 2.96 -163.75	62.07 3.59 -11.99	99.06 3.78 -42.77	62.10 4.39 0.00	61.19 4.28 0.00	67.12 5.15 0.00	76.79 6.04 0.00	89.94 6.78 0.00	113.17 9.11 0.00	94.70 7.89 0.00	68.08 5.54 -5.12	65.72 5.62 0.00	55.66 4.72 0.00	52.52 4.14 -0.42	47.40 3.44 0.00
CANDIGU_WT_PWR 323617	48.17 -1.05 0.00	49.08 -1.39 0.00	47.56 -1.73 0.00	49.52 -1.94 0.00	38.99 -1.61 0.00	52.79 -2.33 0.00	63.32 -3.06 0.00	67.11 -3.77 0.00	44.99 -2.76 0.00	41.09 -2.07 0.00	43.87 -2.62 0.00	49.31 -3.21 0.00	54.61 -3.10 0.00	53.81 -3.10 0.00	58.81 -3.15 0.00	67.76 -2.99 0.00	80.13 -3.03 0.00	103.57 -4.08 -3.59	83.49 -3.33 0.00	54.62 -2.80 0.00	56.54 -3.57 0.00	48.32 -2.61 0.00	45.70 -2.26 0.00	42.17 -1.79 0.00
CARR STREET_E_SYR 24060	47.90 -1.32 0.00	49.01 -1.46 0.00	47.81 -1.47 0.00	50.04 -1.42 0.00	39.66 -0.94 0.00	53.90 -1.22 0.00	65.02 -1.37 0.00	69.42 -1.46 0.00	46.81 -0.93 0.00	42.46 -0.70 0.00	45.69 -0.80 0.00	51.57 -0.95 0.00	56.76 -0.95 0.00	56.00 -0.91 0.00	60.95 -1.02 0.00	69.64 -1.11 0.00	81.84 -1.33 0.00	102.36 -1.70 0.00	85.37 -1.45 0.00	56.37 -1.05 0.00	58.79 -1.32 0.00	49.79 -1.15 0.00	46.87 -1.09 0.00	42.98 -0.99 0.00
CARTHAGE___PAPER 23857	50.80 1.58 0.00	52.01 1.54 0.00	50.74 1.45 0.00	52.86 1.41 0.00	41.62 1.02 0.00	56.73 1.61 0.00	68.55 2.17 0.00	73.44 2.56 0.00	49.33 1.58 0.00	43.96 0.81 0.00	46.99 0.49 0.00	52.80 0.28 0.00	58.04 0.34 0.00	57.09 0.17 0.00	61.27 -0.70 0.00	69.59 -1.15 0.00	82.36 -0.80 0.00	103.46 -0.60 0.00	86.93 0.12 0.00	57.74 0.32 0.00	60.14 0.03 0.00	50.65 -0.29 0.00	47.20 -0.76 0.00	43.36 -0.60 0.00
CASSADAGA_WT_PWR 323784	47.85 -1.36 0.00	47.97 -2.51 0.00	46.74 -2.55 0.00	48.66 -2.80 0.00	38.47 -2.13 0.00	52.68 -2.44 0.00	63.64 -2.74 0.00	66.71 -4.17 0.00	44.68 -3.07 0.00	40.91 -2.25 0.00	43.91 -2.58 0.00	49.67 -2.85 0.00	55.32 -2.38 0.00	54.37 -2.55 0.00	58.81 -3.15 0.00	67.42 -3.32 0.00	78.03 -5.13 0.00	90.49 -6.92 6.65	80.84 -5.98 0.00	52.51 -4.91 0.00	54.19 -5.91 0.00	46.12 -4.81 0.00	44.10 -3.85 0.00	41.08 -2.88 0.00
CE_DUNWOOD___DRP 24194	50.64 1.42 0.00	51.69 1.22 0.00	50.54 1.26 0.00	52.98 1.52 0.00	42.01 1.41 0.00	57.22 2.10 0.00	68.94 2.56 0.00	74.05 3.17 0.00	50.56 2.48 -0.33	213.72 2.05 -168.51	61.05 2.23 -12.33	99.06 2.42 -44.11	60.48 2.78 0.00	59.84 2.93 0.00	65.24 3.27 0.00	74.57 3.82 0.00	87.44 4.28 0.00	109.67 5.61 0.00	91.58 4.76 0.00	60.82 3.40 0.00	63.68 3.58 0.00	53.88 2.95 0.00	50.97 2.57 -0.44	46.14 2.18 0.00
CE_MILLWOOD___DRP 24193	50.56 1.34 0.00	51.62 1.15 0.00	50.49 1.20 0.00	52.90 1.45 0.00	41.95 1.35 0.00	57.12 2.00 0.00	68.83 2.44 0.00	73.92 3.04 0.00	50.44 2.35 -0.33	221.02 1.96 -175.90	61.50 2.13 -12.88	99.73 2.30 -44.92	60.34 2.64 0.00	59.72 2.81 0.00	65.09 3.12 0.00	74.38 3.63 0.00	87.24 4.07 0.00	109.40 5.34 0.00	91.35 4.53 0.00	60.67 3.25 0.00	63.55 3.44 0.00	53.75 2.81 0.00	50.85 2.45 -0.44	46.03 2.06 0.00
CE_NYC2_DRP 24202	50.70 1.48 0.00	51.73 1.25 0.00	50.62 1.34 0.00	53.07 1.61 0.00	42.11 1.51 0.00	57.34 2.22 0.00	68.99 2.60 0.00	74.19 3.30 0.00	50.75 2.69 -0.32	209.35 2.20 -164.00	60.92 2.43 -12.00	98.01 2.65 -42.84	60.86 3.15 0.00	60.17 3.26 0.00	65.58 3.61 0.00	74.95 4.21 0.00	87.86 4.70 0.00	110.18 6.11 0.00	91.95 5.14 0.00	61.14 3.73 0.00	64.07 3.96 0.00	54.21 3.27 0.00	51.29 2.90 -0.42	46.46 2.50 0.00
CE_NYC_DRP 24195	50.64 1.42 0.00	51.71 1.24 0.00	50.59 1.31 0.00	53.05 1.59 0.00	42.10 1.50 0.00	57.33 2.21 0.00	68.97 2.58 0.00	74.19 3.31 0.00	50.73 2.67 -0.32	209.47 2.21 -164.10	60.91 2.41 -12.01	98.03 2.64 -42.87	60.80 3.10 0.00	60.15 3.24 0.00	65.56 3.59 0.00	74.92 4.17 0.00	87.86 4.70 0.00	110.18 6.12 0.00	91.94 5.13 0.00	61.09 3.67 0.00	63.99 3.88 0.00	54.15 3.22 0.00	51.30 2.91 -0.42	46.44 2.48 0.00
CHAFFEE___LFGE 323603	48.05 -1.17 0.00	48.70 -1.77 0.00	47.35 -1.93 0.00	49.52 -1.94 0.00	39.24 -1.37 0.00	53.12 -1.99 0.00	63.25 -3.14 0.00	66.76 -4.12 0.00	45.25 -2.49 0.00	41.62 -1.53 0.00	44.70 -1.79 0.00	50.33 -2.19 0.00	55.64 -2.07 0.00	54.71 -2.20 0.00	59.43 -2.54 0.00	68.07 -2.68 0.00	80.28 -2.87 0.00	93.14 -4.16 6.77	82.85 -3.97 0.00	53.93 -3.49 0.00	55.73 -4.38 0.00	47.57 -3.36 0.00	45.37 -2.58 0.00	42.31 -1.65 0.00
CHATEAUG_35_KV_LOAD 355732	51.18 1.96 0.00	52.66 2.19 0.00	51.37 2.08 0.00	53.41 1.95 0.00	41.99 1.38 0.00	56.99 1.87 0.00	68.47 2.08 0.00	72.56 1.68 0.00	48.50 0.75 0.00	43.66 0.50 0.00	47.00 0.51 0.00	53.27 0.75 0.00	58.08 0.37 0.00	56.68 -0.23 0.00	61.32 -0.65 0.00	70.24 -0.51 0.00	82.96 -0.21 0.00	103.75 -0.32 0.00	86.62 -0.19 0.00	56.99 -0.43 0.00	59.80 -0.31 0.00	50.89 -0.04 0.00	48.11 0.15 0.00	44.30 0.34 0.00
CHATEAUG_WT_PWR 323614	51.03 1.81 0.00	52.51 2.03 0.00	51.22 1.93 0.00	53.30 1.84 0.00	41.92 1.31 0.00	56.89 1.77 0.00	68.32 1.93 0.00	72.37 1.49 0.00	48.37 0.62 0.00	43.55 0.39 0.00	46.85 0.36 0.00	53.01 0.50 0.00	57.82 0.11 0.00	56.48 -0.43 0.00	61.08 -0.89 0.00	69.90 -0.84 0.00	82.48 -0.68 0.00	103.15 -0.91 0.00	86.15 -0.67 0.00	56.73 -0.69 0.00	59.55 -0.55 0.00	50.70 -0.23 0.00	47.95 -0.01 0.00	44.10 0.13 0.00
CHAT_HIGH_FALL_HYD 323578	51.18 1.96 0.00	52.66 2.19 0.00	51.37 2.08 0.00	53.41 1.95 0.00	41.99 1.38 0.00	56.99 1.87 0.00	68.47 2.08 0.00	72.56 1.68 0.00	48.50 0.75 0.00	43.66 0.50 0.00	47.00 0.51 0.00	53.27 0.75 0.00	58.08 0.37 0.00	56.68 -0.23 0.00	61.32 -0.65 0.00	70.24 -0.51 0.00	82.96 -0.21 0.00	103.75 -0.32 0.00	86.62 -0.19 0.00	56.99 -0.43 0.00	59.80 -0.31 0.00	50.89 -0.04 0.00	48.11 0.15 0.00	44.30 0.34 0.00
CHAUTAUQUA___LFGE 323629	47.71 -1.51 0.00	48.12 -2.35 0.00	46.79 -2.49 0.00	48.80 -2.66 0.00	38.66 -1.94 0.00	52.81 -2.31 0.00	63.44 -2.95 0.00	66.80 -4.09 0.00	44.84 -2.91 0.00	41.13 -2.03 0.00	44.15 -2.34 0.00	49.82 -2.70 0.00	55.25 -2.45 0.00	54.33 -2.58 0.00	58.91 -3.06 0.00	67.49 -3.25 0.00	78.73 -4.43 0.00	91.87 -6.10 6.09	81.36 -5.46 0.00	52.92 -4.49 0.00	54.66 -5.44 0.00	46.61 -4.33 0.00	44.48 -3.48 0.00	41.41 -2.55 0.00
CHERRYST_13_KV_LD 356241	50.76 1.54 0.00	51.85 1.37 0.00	50.73 1.45 0.00	53.18 1.72 0.00	42.21 1.61 0.00	57.48 2.36 0.00	69.17 2.79 0.00	74.43 3.55 0.00	50.89 2.82 -0.32	209.62 2.36 -164.10	61.07 2.57 -12.01	98.21 2.82 -42.87	61.01 3.31 0.00	60.35 3.44 0.00	65.77 3.81 0.00	75.16 4.41 0.00	88.16 5.00 0.00	110.50 6.44 0.00	92.25 5.43 0.00	61.26 3.84 0.00	64.17 4.06 0.00	54.31 3.37 0.00	51.43 3.05 -0.42	46.57 2.61 0.00

CHESTROR_138KV_BK263 355645	50.28 1.07 0.00	51.37 0.89 0.00	50.23 0.94 0.00	52.61 1.15 0.00	41.69 1.09 0.00	56.77 1.65 0.00	68.50 2.11 0.00	73.51 2.63 0.00	49.19 1.88 0.43	-195.03 1.60 239.78	30.65 1.72 17.56	-4.23 1.83 58.58	59.79 2.09 0.00	59.16 2.25 0.00	64.47 2.50 0.00	73.67 2.92 0.00	86.44 3.28 0.00	108.37 4.30 0.00	90.43 3.62 0.00	60.00 2.58 0.00	62.82 2.71 0.00	53.11 2.18 0.00	49.21 1.84 0.59	45.49 1.53 0.00
CH_MIDHUDSON___DRP 24192	50.98 1.76 0.00	52.06 1.58 0.00	50.90 1.61 0.00	53.32 1.86 0.00	42.26 1.66 0.00	57.56 2.44 0.00	69.42 3.04 0.00	74.56 3.67 0.00	50.64 2.81 -0.08	89.54 2.36 -44.02	52.27 2.56 -3.22	66.36 2.82 -11.02	60.86 3.16 0.00	60.27 3.36 0.00	65.69 3.73 0.00	75.11 4.36 0.00	88.12 4.97 0.00	110.52 6.46 0.00	92.26 5.44 0.00	61.22 3.80 0.00	64.04 3.93 0.00	54.16 3.22 0.00	50.88 2.82 -0.11	46.34 2.38 0.00
CH_MISC_IPPS 23765	51.18 1.96 0.00	52.26 1.78 0.00	51.08 1.79 0.00	53.52 2.06 0.00	42.43 1.83 0.00	57.82 2.70 0.00	69.77 3.39 0.00	74.96 4.07 0.00	50.76 3.01 0.00	45.72 2.56 0.00	49.29 2.80 0.00	55.57 3.06 0.00	61.15 3.44 0.00	60.54 3.63 0.00	65.99 4.02 0.00	75.44 4.70 0.00	88.56 5.40 0.00	111.07 7.01 0.00	92.70 5.88 0.00	61.49 4.08 0.00	64.33 4.22 0.00	54.38 3.44 0.00	50.94 2.98 0.00	46.49 2.53 0.00
CH_RES_BVR_FALLS 23983	49.76 0.55 0.00	51.14 0.66 0.00	49.92 0.63 0.00	51.97 0.51 0.00	40.87 0.26 0.00	55.47 0.35 0.00	66.73 0.35 0.00	71.07 0.18 0.00	47.66 -0.09 0.00	43.03 -0.13 0.00	46.27 -0.22 0.00	52.19 -0.33 0.00	57.25 -0.46 0.00	56.22 -0.69 0.00	61.05 -0.92 0.00	69.65 -1.10 0.00	82.04 -1.13 0.00	102.79 -1.28 0.00	85.74 -1.08 0.00	56.58 -0.84 0.00	59.31 -0.80 0.00	50.29 -0.65 0.00	47.38 -0.58 0.00	43.47 -0.49 0.00
CH_RES_NIAGARA 23895	45.57 -3.65 0.00	46.24 -4.24 0.00	44.94 -4.35 0.00	46.93 -4.53 0.00	37.25 -3.35 0.00	50.34 -4.78 0.00	59.69 -6.69 0.00	62.87 -8.02 0.00	42.66 -5.09 0.00	39.26 -3.90 0.00	42.21 -4.28 0.00	47.55 -4.97 0.00	52.58 -5.12 0.00	51.70 -5.21 0.00	56.19 -5.77 0.00	64.34 -6.40 0.00	75.92 -7.25 0.00	94.30 -9.76 0.00	78.03 -8.79 0.00	50.76 -6.66 0.00	52.40 -7.70 0.00	44.82 -6.11 0.00	42.96 -5.00 0.00	40.30 -3.66 0.00
CH_RES_SYRACUSE 23985	48.39 -0.83 0.00	49.52 -0.96 0.00	48.28 -1.01 0.00	50.51 -0.94 0.00	39.97 -0.63 0.00	54.32 -0.79 0.00	65.58 -0.81 0.00	69.96 -0.92 0.00	47.17 -0.58 0.00	42.77 -0.39 0.00	46.04 -0.45 0.00	51.96 -0.56 0.00	57.17 -0.53 0.00	56.41 -0.50 0.00	61.36 -0.61 0.00	70.08 -0.66 0.00	82.41 -0.75 0.00	103.10 -0.96 0.00	86.02 -0.80 0.00	56.80 -0.62 0.00	59.27 -0.84 0.00	50.19 -0.75 0.00	47.24 -0.72 0.00	43.29 -0.67 0.00
CLINTON_WT_PWR 323605	51.03 1.81 0.00	52.51 2.03 0.00	51.22 1.93 0.00	53.30 1.84 0.00	41.92 1.31 0.00	56.89 1.77 0.00	68.32 1.93 0.00	72.37 1.49 0.00	48.37 0.62 0.00	43.55 0.39 0.00	46.85 0.36 0.00	53.01 0.50 0.00	57.82 0.11 0.00	56.48 -0.43 0.00	61.08 -0.89 0.00	69.90 -0.84 0.00	82.48 -0.68 0.00	103.15 -0.91 0.00	86.15 -0.67 0.00	56.73 -0.69 0.00	59.55 -0.55 0.00	50.70 -0.23 0.00	47.95 -0.01 0.00	44.10 0.13 0.00
CLINTON___LFGE 323618	51.74 2.52 0.00	53.19 2.72 0.00	51.87 2.58 0.00	54.00 2.54 0.00	42.52 1.92 0.00	57.76 2.64 0.00	69.48 3.10 0.00	73.54 2.65 0.00	49.29 1.54 0.00	44.43 1.27 0.00	47.69 1.21 0.00	53.93 1.41 0.00	58.80 1.10 0.00	57.55 0.64 0.00	62.28 0.31 0.00	71.29 0.55 0.00	84.15 0.99 0.00	105.36 1.29 0.00	88.04 1.22 0.00	57.90 0.48 0.00	60.61 0.50 0.00	51.50 0.57 0.00	48.61 0.65 0.00	44.65 0.68 0.00
COBBLENY_34_KV_TB1 80064	48.05 -1.17 0.00	48.70 -1.77 0.00	47.36 -1.93 0.00	49.52 -1.93 0.00	39.23 -1.37 0.00	53.13 -1.99 0.00	63.25 -3.13 0.00	66.74 -4.15 0.00	45.25 -2.49 0.00	41.61 -1.55 0.00	44.68 -1.81 0.00	50.32 -2.20 0.00	55.63 -2.07 0.00	54.71 -2.20 0.00	59.43 -2.54 0.00	68.07 -2.68 0.00	80.29 -2.87 0.00	99.90 -4.16 0.00	82.85 -3.97 0.00	53.93 -3.49 0.00	55.72 -4.38 0.00	47.55 -3.39 0.00	45.37 -2.58 0.00	42.32 -1.63 0.00
COFFEEN___115KV_TB3 355620	50.60 1.39 0.00	51.74 1.27 0.00	50.47 1.18 0.00	52.62 1.16 0.00	41.51 0.91 0.00	56.72 1.60 0.00	68.72 2.34 0.00	73.71 2.83 0.00	49.48 1.74 0.00	44.15 0.99 0.00	47.08 0.59 0.00	52.93 0.42 0.00	58.25 0.54 0.00	57.24 0.33 0.00	61.60 -0.36 0.00	70.07 -0.67 0.00	83.14 -0.02 0.00	104.32 0.25 0.00	87.66 0.84 0.00	58.20 0.78 0.00	60.56 0.45 0.00	50.85 -0.08 0.00	47.29 -0.67 0.00	43.33 -0.63 0.00
COLDSPRG_115KV_BK1 355956	49.27 0.05 0.00	49.78 -0.70 0.00	48.52 -0.77 0.00	50.70 -0.76 0.00	40.17 -0.43 0.00	54.67 -0.45 0.00	65.48 -0.90 0.00	69.15 -1.74 0.00	46.60 -1.15 0.00	42.56 -0.60 0.00	45.76 -0.73 0.00	51.60 -0.92 0.00	57.20 -0.50 0.00	56.24 -0.68 0.00	60.90 -1.07 0.00	69.52 -1.23 0.00	80.97 -2.19 0.00	100.83 -3.23 0.00	83.95 -2.88 0.00	54.72 -2.70 0.00	56.64 -3.47 0.00	48.17 -2.76 0.00	45.74 -2.22 0.00	42.73 -1.24 0.00
COLONIE_LFGE___ 323577	51.03 1.81 0.00	52.24 1.77 0.00	51.12 1.83 0.00	53.41 1.95 0.00	42.16 1.56 0.00	57.14 2.02 0.00	68.81 2.43 0.00	73.69 2.81 0.00	49.85 2.03 -0.07	84.31 1.72 -39.42	51.09 1.71 -2.89	64.30 2.02 -9.76	59.76 2.06 0.00	59.21 2.30 0.00	64.59 2.63 0.00	73.96 3.22 0.00	86.58 3.42 0.00	108.47 4.41 0.00	90.79 3.97 0.00	60.12 2.71 0.00	62.92 2.82 0.00	53.24 2.30 0.00	50.14 2.08 -0.10	45.70 1.74 0.00
COOPERNY_115KV_TB1 80082	49.90 0.68 0.00	51.02 0.55 0.00	49.86 0.58 0.00	52.20 0.74 0.00	41.33 0.73 0.00	56.22 1.10 0.00	67.79 1.41 0.00	72.67 1.78 0.00	48.86 1.36 0.25	-90.66 1.21 135.03	37.87 1.27 9.89	20.43 1.33 33.42	59.22 1.52 0.00	58.53 1.62 0.00	63.79 1.82 0.00	72.88 2.13 0.00	85.55 2.39 0.00	107.26 3.20 0.00	89.29 2.48 0.00	59.21 1.79 0.00	61.96 1.86 0.00	52.42 1.48 0.00	48.83 1.23 0.35	45.00 1.03 0.00
COPENHAGEN_WT_PWR 323753	50.14 0.92 0.00	51.29 0.82 0.00	50.03 0.75 0.00	52.14 0.68 0.00	41.09 0.48 0.00	56.15 1.04 0.00	67.93 1.55 0.00	72.80 1.91 0.00	48.83 1.08 0.00	43.49 0.33 0.00	46.26 -0.23 0.00	51.94 -0.58 0.00	57.11 -0.59 0.00	56.04 -0.87 0.00	60.27 -1.70 0.00	68.53 -2.21 0.00	81.37 -1.79 0.00	102.19 -1.88 0.00	86.07 -0.75 0.00	57.21 -0.20 0.00	59.60 -0.51 0.00	50.03 -0.90 0.00	46.51 -1.45 0.00	42.66 -1.30 0.00
CORNELL_____ 23752	49.70 0.48 0.00	50.85 0.37 0.00	49.52 0.24 0.00	51.85 0.39 0.00	40.99 0.39 0.00	55.70 0.58 0.00	67.31 0.92 0.00	71.62 0.74 0.00	48.22 0.47 0.00	43.80 0.64 0.00	47.07 0.58 0.00	53.12 0.60 0.00	58.41 0.71 0.00	57.60 0.69 0.00	62.68 0.71 0.00	71.62 0.87 0.00	84.26 1.10 0.00	105.44 1.38 0.00	88.52 1.70 0.00	58.45 1.04 0.00	60.87 0.77 0.00	51.51 0.58 0.00	48.42 0.46 0.00	44.41 0.44 0.00

CORONA V_69_KV_TB1 355595	51.36 2.14 0.00	52.21 1.74 0.00	51.08 1.79 0.00	53.61 2.15 0.00	42.57 1.97 0.00	58.09 2.98 0.00	69.99 3.60 0.00	74.95 4.07 0.00	51.26 3.19 -0.32	209.38 2.48 -163.75	61.51 3.04 -11.99	98.38 3.10 -42.77	61.29 3.59 0.00	60.56 3.65 0.00	66.19 4.22 0.00	75.67 4.93 0.00	88.55 5.39 0.00	111.31 7.24 0.00	93.21 6.39 0.00	67.14 4.59 -5.12	64.77 4.67 0.00	54.83 3.89 0.00	51.68 3.30 -0.42	46.83 2.87 0.00
CORTLAND_115KV_TB3 80093	49.21 -0.01 0.00	50.38 -0.09 0.00	49.13 -0.16 0.00	51.41 -0.05 0.00	40.65 0.04 0.00	55.25 0.13 0.00	66.73 0.34 0.00	71.19 0.31 0.00	47.92 0.17 0.00	43.47 0.31 0.00	46.73 0.24 0.00	52.72 0.21 0.00	58.05 0.34 0.00	57.24 0.33 0.00	62.32 0.35 0.00	71.21 0.47 0.00	83.72 0.56 0.00	104.70 0.64 0.00	87.57 0.75 0.00	57.82 0.41 0.00	60.24 0.14 0.00	51.00 0.07 0.00	47.97 0.01 0.00	43.99 0.03 0.00
COXSACKIE__GT 23611	52.58 3.36 0.00	53.82 3.35 0.00	52.60 3.31 0.00	54.93 3.47 0.00	43.22 2.62 0.00	58.46 3.35 0.00	70.78 4.40 0.00	76.14 5.26 0.00	51.44 3.65 -0.04	68.35 2.51 -22.69	50.93 2.78 -1.66	61.90 3.73 -5.65	61.97 4.26 0.00	61.35 4.43 0.00	66.99 5.01 0.00	76.69 5.94 0.00	90.24 7.08 0.00	113.07 9.01 0.00	94.36 7.54 0.00	62.15 4.74 0.00	64.82 4.72 0.00	54.75 3.82 0.00	51.56 3.55 -0.05	47.01 3.05 0.00
CPV_VALLEY__CC1 323721	49.91 0.69 0.00	51.00 0.53 0.00	49.86 0.58 0.00	52.23 0.77 0.00	41.39 0.79 0.00	56.32 1.21 0.00	67.89 1.51 0.00	72.83 1.94 0.00	48.78 1.41 0.37	-156.88 1.24 201.28	33.05 1.30 14.74	3.99 1.34 49.87	59.22 1.51 0.00	58.57 1.66 0.00	63.85 1.88 0.00	72.93 2.19 0.00	85.57 2.41 0.00	107.28 3.21 0.00	89.55 2.73 0.00	59.44 2.02 0.00	62.22 2.11 0.00	52.62 1.68 0.00	48.85 1.40 0.50	45.11 1.15 0.00
CPV_VALLEY__CC2 323722	49.91 0.69 0.00	51.00 0.53 0.00	49.86 0.58 0.00	52.23 0.77 0.00	41.39 0.79 0.00	56.32 1.21 0.00	67.89 1.51 0.00	72.83 1.94 0.00	48.78 1.41 0.37	-156.88 1.24 201.28	33.05 1.30 14.74	3.99 1.34 49.87	59.22 1.51 0.00	58.57 1.66 0.00	63.85 1.88 0.00	72.93 2.19 0.00	85.57 2.41 0.00	107.28 3.21 0.00	89.55 2.73 0.00	59.44 2.02 0.00	62.22 2.11 0.00	52.62 1.68 0.00	48.85 1.40 0.50	45.11 1.15 0.00
CRESCENT__HYD 24018	51.03 1.81 0.00	52.24 1.77 0.00	51.12 1.83 0.00	53.41 1.95 0.00	42.16 1.56 0.00	57.14 2.02 0.00	68.81 2.43 0.00	73.69 2.81 0.00	49.85 2.03 -0.07	84.31 1.72 -39.42	51.09 1.71 -2.89	64.30 2.02 -9.76	59.76 2.06 0.00	59.21 2.30 0.00	64.59 2.63 0.00	73.96 3.22 0.00	86.58 3.42 0.00	108.47 4.41 0.00	90.79 3.97 0.00	60.12 2.71 0.00	62.92 2.82 0.00	53.24 2.30 0.00	50.14 2.08 -0.10	45.70 1.74 0.00
CRICKET__VALLEY_CC1 323756	50.52 1.30 0.00	51.62 1.15 0.00	50.48 1.20 0.00	52.86 1.41 0.00	41.84 1.24 0.00	56.89 1.78 0.00	68.52 2.13 0.00	73.54 2.65 0.00	50.10 2.14 -0.21	159.74 1.72 -114.85	56.70 1.80 -8.41	82.94 1.99 -28.44	59.83 2.13 0.00	59.32 2.41 0.00	64.65 2.68 0.00	73.95 3.21 0.00	86.69 3.53 0.00	108.70 4.63 0.00	90.78 3.96 0.00	60.29 2.87 0.00	63.06 2.96 0.00	53.41 2.48 0.00	50.40 2.16 -0.28	45.77 1.81 0.00
CRICKET__VALLEY_CC2 323757	50.52 1.30 0.00	51.62 1.15 0.00	50.48 1.20 0.00	52.86 1.41 0.00	41.84 1.24 0.00	56.89 1.78 0.00	68.52 2.13 0.00	73.54 2.65 0.00	50.10 2.14 -0.21	159.74 1.72 -114.85	56.70 1.80 -8.41	82.94 1.99 -28.44	59.83 2.13 0.00	59.32 2.41 0.00	64.65 2.68 0.00	73.95 3.21 0.00	86.69 3.53 0.00	108.70 4.63 0.00	90.78 3.96 0.00	60.29 2.87 0.00	63.06 2.96 0.00	53.41 2.48 0.00	50.40 2.16 -0.28	45.77 1.81 0.00
CRICKET__VALLEY_CC3 323758	50.52 1.30 0.00	51.62 1.15 0.00	50.48 1.20 0.00	52.86 1.41 0.00	41.84 1.24 0.00	56.89 1.78 0.00	68.52 2.13 0.00	73.54 2.65 0.00	50.10 2.14 -0.21	159.74 1.72 -114.85	56.70 1.80 -8.41	82.94 1.99 -28.44	59.83 2.13 0.00	59.32 2.41 0.00	64.65 2.68 0.00	73.95 3.21 0.00	86.69 3.53 0.00	108.70 4.63 0.00	90.78 3.96 0.00	60.29 2.87 0.00	63.06 2.96 0.00	53.41 2.48 0.00	50.40 2.16 -0.28	45.77 1.81 0.00
CRUCIBLE_METL_DRP 24180	48.39 -0.83 0.00	49.52 -0.96 0.00	48.28 -1.01 0.00	50.51 -0.94 0.00	39.97 -0.63 0.00	54.32 -0.79 0.00	65.57 -0.81 0.00	69.96 -0.92 0.00	47.17 -0.58 0.00	42.77 -0.38 0.00	46.04 -0.45 0.00	51.96 -0.56 0.00	57.17 -0.53 0.00	56.41 -0.50 0.00	61.36 -0.61 0.00	70.09 -0.66 0.00	82.41 -0.75 0.00	103.11 -0.96 0.00	86.02 -0.80 0.00	56.80 -0.62 0.00	59.27 -0.84 0.00	50.19 -0.75 0.00	47.24 -0.72 0.00	43.30 -0.67 0.00
DAHOWA__HYDRO 323763	51.76 2.54 0.00	53.03 2.56 0.00	51.93 2.65 0.00	54.27 2.81 0.00	42.89 2.29 0.00	58.35 3.23 0.00	70.37 3.99 0.00	75.32 4.43 0.00	50.87 3.06 -0.07	83.12 2.62 -37.34	51.92 2.70 -2.74	64.91 3.14 -9.25	61.05 3.35 0.00	60.51 3.59 0.00	66.03 4.06 0.00	75.70 4.96 0.00	88.85 5.69 0.00	111.22 7.15 0.00	93.22 6.40 0.00	61.65 4.23 0.00	64.40 4.29 0.00	54.40 3.47 0.00	51.11 3.06 -0.09	46.52 2.56 0.00
DANC__LFGE 323619	49.21 -0.01 0.00	50.34 -0.13 0.00	49.12 -0.17 0.00	51.25 -0.20 0.00	40.44 -0.16 0.00	55.14 0.03 0.00	66.62 0.24 0.00	71.32 0.44 0.00	47.93 0.18 0.00	43.00 -0.16 0.00	45.93 -0.56 0.00	51.68 -0.84 0.00	56.84 -0.86 0.00	55.90 -1.01 0.00	60.39 -1.58 0.00	68.74 -2.00 0.00	81.30 -1.86 0.00	101.91 -2.15 0.00	85.50 -1.31 0.00	56.77 -0.65 0.00	59.17 -0.93 0.00	49.84 -1.10 0.00	46.55 -1.41 0.00	42.68 -1.28 0.00
DANSKAMMER__1 23586	51.18 1.96 0.00	52.26 1.78 0.00	51.08 1.79 0.00	53.52 2.06 0.00	42.43 1.83 0.00	57.82 2.70 0.00	69.77 3.39 0.00	74.96 4.07 0.00	50.76 3.01 0.00	45.72 2.56 0.00	49.29 2.80 0.00	55.57 3.06 0.00	61.15 3.44 0.00	60.54 3.63 0.00	65.99 4.02 0.00	75.44 4.70 0.00	88.56 5.40 0.00	111.07 7.01 0.00	92.70 5.88 0.00	61.49 4.08 0.00	64.33 4.22 0.00	54.38 3.44 0.00	50.94 2.98 0.00	46.49 2.53 0.00
DANSKAMMER__2 23589	51.18 1.96 0.00	52.26 1.78 0.00	51.08 1.79 0.00	53.52 2.06 0.00	42.43 1.83 0.00	57.82 2.70 0.00	69.77 3.39 0.00	74.96 4.07 0.00	50.76 3.01 0.00	45.72 2.56 0.00	49.29 2.80 0.00	55.57 3.06 0.00	61.15 3.44 0.00	60.54 3.63 0.00	65.99 4.02 0.00	75.44 4.70 0.00	88.56 5.40 0.00	111.07 7.01 0.00	92.70 5.88 0.00	61.49 4.08 0.00	64.33 4.22 0.00	54.38 3.44 0.00	50.94 2.98 0.00	46.49 2.53 0.00
DANSKAMMER__3 23590	51.18 1.96 0.00	52.26 1.78 0.00	51.08 1.79 0.00	53.52 2.06 0.00	42.43 1.83 0.00	57.82 2.70 0.00	69.77 3.39 0.00	74.96 4.07 0.00	50.76 3.01 0.00	45.72 2.56 0.00	49.29 2.80 0.00	55.57 3.06 0.00	61.15 3.44 0.00	60.54 3.63 0.00	65.99 4.02 0.00	75.44 4.70 0.00	88.56 5.40 0.00	111.07 7.01 0.00	92.70 5.88 0.00	61.49 4.08 0.00	64.33 4.22 0.00	54.38 3.44 0.00	50.94 2.98 0.00	46.49 2.53 0.00

DANSKAMMER___4 23591	51.18 1.96 0.00	52.26 1.78 0.00	51.08 1.79 0.00	53.52 2.06 0.00	42.43 1.83 0.00	57.82 2.70 0.00	69.77 3.39 0.00	74.96 4.07 0.00	50.76 3.01 0.00	45.72 2.56 0.00	49.29 2.80 0.00	55.57 3.06 0.00	61.15 3.44 0.00	60.54 3.63 0.00	65.99 4.02 0.00	75.44 4.70 0.00	88.56 5.40 0.00	111.07 7.01 0.00	92.70 5.88 0.00	61.49 4.08 0.00	64.33 4.22 0.00	54.38 3.44 0.00	50.94 2.98 0.00	46.49 2.53 0.00
DANSKAMMER___DIESEL 23592	51.18 1.96 0.00	52.26 1.78 0.00	51.08 1.79 0.00	53.52 2.06 0.00	42.43 1.83 0.00	57.82 2.70 0.00	69.77 3.39 0.00	74.96 4.08 0.00	50.76 3.01 0.00	45.72 2.56 0.00	49.29 2.80 0.00	55.57 3.06 0.00	61.15 3.44 0.00	60.54 3.63 0.00	65.99 4.02 0.00	75.44 4.70 0.00	88.56 5.40 0.00	111.07 7.01 0.00	92.70 5.88 0.00	61.49 4.08 0.00	64.33 4.23 0.00	54.38 3.44 0.00	50.94 2.98 0.00	46.49 2.53 0.00
DARBY___SOLAR 323810	51.60 2.38 0.00	52.85 2.38 0.00	51.74 2.46 0.00	54.08 2.62 0.00	42.73 2.13 0.00	58.10 2.98 0.00	70.08 3.69 0.00	74.99 4.10 0.00	50.65 2.83 -0.07	83.30 2.41 -37.73	51.69 2.44 -2.76	64.75 2.89 -9.34	60.78 3.08 0.00	60.24 3.33 0.00	65.74 3.77 0.00	75.36 4.62 0.00	88.42 5.26 0.00	110.68 6.61 0.00	92.76 5.94 0.00	61.35 3.93 0.00	64.10 3.99 0.00	54.17 3.23 0.00	50.90 2.85 -0.09	46.35 2.38 0.00
DASHVILLE___HYD 23610	51.52 2.30 0.00	52.57 2.09 0.00	51.39 2.10 0.00	53.87 2.41 0.00	42.76 2.15 0.00	58.36 3.24 0.00	70.54 4.16 0.00	75.88 5.00 0.00	51.37 3.65 0.03	30.05 3.13 16.24	48.69 3.39 1.19	52.35 3.75 3.92	61.96 4.26 0.00	61.36 4.45 0.00	66.89 4.93 0.00	76.48 5.74 0.00	89.86 6.70 0.00	112.72 8.66 0.00	94.00 7.18 0.00	62.31 4.90 0.00	65.14 5.03 0.00	55.00 4.06 0.00	51.41 3.50 0.05	46.92 2.96 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	52.73 3.51 0.00	53.55 3.07 0.00	52.38 3.09 0.00	55.06 3.60 0.00	43.85 3.25 0.00	60.00 4.88 0.00	72.53 6.15 0.00	77.66 6.77 0.00	53.00 4.93 -0.32	210.58 3.68 -163.75	62.75 4.28 -11.99	99.81 4.52 -42.77	62.97 5.26 0.00	62.07 5.16 0.00	68.08 6.11 0.00	77.91 7.17 0.00	91.35 8.19 0.00	114.93 10.86 0.00	95.71 8.89 0.00	68.50 5.96 -5.12	66.40 6.29 0.00	56.19 5.25 0.00	53.22 4.84 -0.42	47.89 3.93 0.00
DELAWARE___LFGE 323621	50.16 0.94 0.00	51.33 0.86 0.00	50.11 0.82 0.00	52.41 0.95 0.00	41.45 0.84 0.00	56.33 1.22 0.00	67.92 1.53 0.00	72.52 1.63 0.00	48.84 1.14 0.05	17.13 1.09 27.11	45.64 1.14 1.99	47.03 1.22 6.71	59.08 1.38 0.00	58.31 1.40 0.00	63.48 1.51 0.00	72.54 1.80 0.00	85.29 2.13 0.00	106.88 2.82 0.00	89.28 2.47 0.00	59.14 1.72 0.00	61.80 1.69 0.00	52.31 1.37 0.00	49.08 1.17 0.05	45.00 1.04 0.00
DERFIELD_115KV_TB7 355931	49.23 0.01 0.00	50.45 -0.02 0.00	49.29 0.00 0.00	51.48 0.03 0.00	40.64 0.04 0.00	55.17 0.05 0.00	66.45 0.07 0.00	70.98 0.10 0.00	47.85 0.10 0.00	43.24 0.08 0.00	46.56 0.06 0.00	52.59 0.07 0.00	57.77 0.06 0.00	57.03 0.11 0.00	62.11 0.13 0.00	70.93 0.19 0.00	83.25 0.09 0.00	104.27 0.21 0.00	87.04 0.22 0.00	57.59 0.17 0.00	60.26 0.16 0.00	51.07 0.14 0.00	48.05 0.09 0.00	44.01 0.05 0.00
DOGLEVILLE___HYD 23807	49.65 0.43 0.00	50.82 0.34 0.00	49.66 0.38 0.00	52.00 0.54 0.00	41.05 0.45 0.00	55.52 0.40 0.00	67.10 0.71 0.00	71.56 0.67 0.00	47.97 0.22 0.00	42.90 -0.26 0.00	46.36 -0.13 0.00	52.79 0.27 0.00	57.91 0.20 0.00	57.42 0.50 0.00	62.64 0.67 0.00	71.70 0.95 0.00	83.89 0.73 0.00	105.22 1.16 0.00	88.21 1.39 0.00	58.65 1.23 0.00	61.30 1.19 0.00	51.84 0.91 0.00	48.66 0.70 0.00	44.27 0.31 0.00
DUNKIRK___115KV_TB_200 55889	47.69 -1.53 0.00	48.15 -2.32 0.00	46.81 -2.48 0.00	48.82 -2.64 0.00	38.70 -1.91 0.00	52.82 -2.30 0.00	63.37 -3.01 0.00	66.76 -4.13 0.00	44.86 -2.89 0.00	41.13 -2.03 0.00	44.17 -2.32 0.00	49.83 -2.69 0.00	55.26 -2.45 0.00	54.33 -2.58 0.00	58.93 -3.04 0.00	67.52 -3.22 0.00	78.81 -4.35 0.00	98.06 -6.00 0.00	81.45 -5.37 0.00	52.98 -4.44 0.00	54.72 -5.38 0.00	46.64 -4.29 0.00	44.53 -3.43 0.00	41.47 -2.49 0.00
DUNKIRK___1 23563	47.69 -1.53 0.00	48.15 -2.32 0.00	46.81 -2.48 0.00	48.82 -2.64 0.00	38.70 -1.91 0.00	52.82 -2.30 0.00	63.37 -3.01 0.00	66.76 -4.13 0.00	44.86 -2.89 0.00	41.13 -2.03 0.00	44.17 -2.32 0.00	49.83 -2.69 0.00	55.26 -2.45 0.00	54.33 -2.58 0.00	58.93 -3.04 0.00	67.52 -3.22 0.00	78.81 -4.35 0.00	98.06 -6.00 0.00	81.45 -5.37 0.00	52.98 -4.44 0.00	54.72 -5.38 0.00	46.64 -4.29 0.00	44.53 -3.43 0.00	41.47 -2.49 0.00
DUNKIRK___2 23564	47.69 -1.53 0.00	48.15 -2.32 0.00	46.81 -2.48 0.00	48.82 -2.64 0.00	38.70 -1.91 0.00	52.82 -2.30 0.00	63.37 -3.01 0.00	66.76 -4.13 0.00	44.86 -2.89 0.00	41.13 -2.03 0.00	44.17 -2.32 0.00	49.83 -2.69 0.00	55.26 -2.45 0.00	54.33 -2.58 0.00	58.93 -3.04 0.00	67.52 -3.22 0.00	78.81 -4.35 0.00	98.06 -6.00 0.00	81.45 -5.37 0.00	52.98 -4.44 0.00	54.72 -5.38 0.00	46.64 -4.29 0.00	44.53 -3.43 0.00	41.47 -2.49 0.00
DUNKIRK___3 23565	47.63 -1.59 0.00	48.15 -2.32 0.00	46.81 -2.48 0.00	48.86 -2.59 0.00	38.72 -1.89 0.00	52.60 -2.52 0.00	62.80 -3.58 0.00	66.20 -4.69 0.00	44.66 -3.09 0.00	41.03 -2.13 0.00	44.08 -2.42 0.00	49.69 -2.83 0.00	55.02 -2.68 0.00	54.11 -2.80 0.00	58.75 -3.22 0.00	67.27 -3.47 0.00	78.90 -4.26 0.00	98.19 -5.87 0.00	81.50 -5.32 0.00	53.05 -4.37 0.00	54.82 -5.29 0.00	46.74 -4.20 0.00	44.59 -3.37 0.00	41.58 -2.39 0.00
DUNKIRK___4 23566	47.63 -1.59 0.00	48.15 -2.32 0.00	46.81 -2.48 0.00	48.86 -2.59 0.00	38.72 -1.89 0.00	52.60 -2.52 0.00	62.80 -3.58 0.00	66.20 -4.69 0.00	44.66 -3.09 0.00	41.03 -2.13 0.00	44.08 -2.42 0.00	49.69 -2.83 0.00	55.02 -2.68 0.00	54.11 -2.80 0.00	58.75 -3.22 0.00	67.27 -3.47 0.00	78.90 -4.26 0.00	98.19 -5.87 0.00	81.50 -5.32 0.00	53.05 -4.37 0.00	54.82 -5.29 0.00	46.74 -4.20 0.00	44.59 -3.37 0.00	41.58 -2.39 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.72 1.50 0.00	51.79 1.32 0.00	50.64 1.35 0.00	53.09 1.63 0.00	42.11 1.50 0.00	57.33 2.22 0.00	69.07 2.68 0.00	74.17 3.29 0.00	50.64 2.57 -0.32	209.49 2.13 -164.20	60.83 2.33 -12.02	97.95 2.53 -42.90	60.62 2.91 0.00	59.98 3.07 0.00	65.38 3.41 0.00	74.72 3.98 0.00	87.63 4.47 0.00	109.90 5.84 0.00	91.75 4.94 0.00	60.95 3.53 0.00	63.84 3.73 0.00	54.00 3.07 0.00	51.07 2.69 -0.42	46.24 2.28 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.73 1.52 0.00	51.80 1.33 0.00	50.64 1.36 0.00	53.07 1.61 0.00	42.08 1.47 0.00	57.33 2.21 0.00	69.17 2.79 0.00	74.28 3.40 0.00	50.02 2.44 0.17	-49.53 2.09 94.78	41.83 2.28 6.94	31.65 2.45 23.32	60.49 2.79 0.00	59.86 2.94 0.00	65.25 3.28 0.00	74.57 3.83 0.00	87.53 4.37 0.00	109.77 5.70 0.00	91.60 4.78 0.00	60.78 3.36 0.00	63.61 3.51 0.00	53.76 2.83 0.00	50.13 2.41 0.24	46.00 2.04 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	50.72 1.50 0.00	51.73 1.25 0.00	50.66 1.38 0.00	53.13 1.68 0.00	42.13 1.53 0.00	57.41 2.29 0.00	69.00 2.61 0.00	74.29 3.40 0.00	50.82 2.76 -0.32	209.37 2.21 -164.00	60.98 2.49 -12.00	98.08 2.72 -42.84	60.91 3.20 0.00	60.21 3.29 0.00	65.63 3.66 0.00	74.99 4.24 0.00	87.92 4.76 0.00	110.31 6.24 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.07 3.97 0.00	54.20 3.26 0.00	51.29 2.91 -0.42	46.46 2.50 0.00
E179THST_13_KV_LOAD 356214	50.93 1.71 0.00	51.92 1.45 0.00	50.85 1.56 0.00	53.33 1.87 0.00	42.28 1.68 0.00	57.61 2.50 0.00	69.27 2.89 0.00	74.60 3.72 0.00	51.05 2.99 -0.32	209.57 2.41 -164.00	61.21 2.72 -12.00	98.34 2.98 -42.84	61.20 3.50 0.00	60.49 3.58 0.00	65.94 3.97 0.00	75.36 4.62 0.00	88.36 5.20 0.00	110.87 6.80 0.00	92.50 5.68 0.00	61.53 4.12 0.00	64.36 4.26 0.00	54.43 3.49 0.00	51.51 3.13 -0.42	46.65 2.69 0.00
EAST HAMPTON___GT 23717	53.09 3.87 0.00	53.94 3.47 0.00	52.74 3.45 0.00	55.47 4.01 0.00	44.19 3.58 0.00	60.56 5.44 0.00	73.39 7.00 0.00	78.60 7.71 0.00	53.58 5.51 -0.32	211.04 4.14 -163.75	63.15 4.68 -11.99	100.23 4.94 -42.77	63.48 5.77 0.00	62.57 5.66 0.00	68.66 6.69 0.00	78.58 7.83 0.00	92.22 9.06 0.00	116.13 12.06 0.00	96.09 9.27 0.00	68.44 5.89 -5.12	66.68 6.57 0.00	56.38 5.44 0.00	53.71 5.32 -0.42	48.13 4.17 0.00
EAST RIVER___6 23660	50.63 1.42 0.00	51.71 1.23 0.00	50.59 1.31 0.00	53.03 1.57 0.00	42.09 1.49 0.00	57.30 2.19 0.00	68.95 2.57 0.00	74.22 3.34 0.00	50.78 2.71 -0.32	209.50 2.24 -164.10	60.96 2.46 -12.01	98.08 2.69 -42.87	60.86 3.15 0.00	60.21 3.29 0.00	65.61 3.64 0.00	74.98 4.23 0.00	87.94 4.78 0.00	110.24 6.18 0.00	92.04 5.22 0.00	61.15 3.73 0.00	64.03 3.93 0.00	54.17 3.24 0.00	51.31 2.93 -0.42	46.44 2.47 0.00
EAST RIVER___7 23524	50.63 1.42 0.00	51.71 1.23 0.00	50.59 1.31 0.00	53.03 1.57 0.00	42.09 1.49 0.00	57.30 2.19 0.00	68.95 2.57 0.00	74.22 3.34 0.00	50.78 2.71 -0.32	209.50 2.24 -164.10	60.96 2.46 -12.01	98.08 2.69 -42.87	60.86 3.15 0.00	60.21 3.29 0.00	65.61 3.64 0.00	74.98 4.23 0.00	87.94 4.78 0.00	110.24 6.18 0.00	92.04 5.22 0.00	61.15 3.73 0.00	64.03 3.93 0.00	54.17 3.24 0.00	51.31 2.93 -0.42	46.44 2.47 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	50.64 1.42 0.00	51.69 1.22 0.00	50.54 1.26 0.00	52.98 1.52 0.00	42.01 1.41 0.00	57.22 2.10 0.00	68.94 2.56 0.00	74.05 3.17 0.00	50.56 2.48 -0.33	213.72 2.05 -168.51	61.05 2.23 -12.33	99.06 2.42 -44.11	60.48 2.78 0.00	59.84 2.93 0.00	65.24 3.27 0.00	74.57 3.82 0.00	87.44 4.28 0.00	109.67 5.61 0.00	91.58 4.76 0.00	60.82 3.40 0.00	63.68 3.58 0.00	53.88 2.95 0.00	50.97 2.57 -0.44	46.14 2.18 0.00
EAST_HAMPTON___DIESEL 23722	53.08 3.86 0.00	53.93 3.45 0.00	52.72 3.44 0.00	55.46 4.00 0.00	44.18 3.57 0.00	60.55 5.43 0.00	73.39 7.01 0.00	78.61 7.73 0.00	53.58 5.52 -0.32	211.04 4.14 -163.75	63.15 4.68 -11.99	100.21 4.92 -42.77	63.46 5.75 0.00	62.55 5.64 0.00	68.64 6.67 0.00	78.55 7.81 0.00	92.20 9.03 0.00	116.11 12.05 0.00	96.00 9.18 0.00	68.34 5.79 -5.12	66.62 6.51 0.00	56.33 5.40 0.00	53.70 5.31 -0.42	48.12 4.15 0.00
EAST_POINT___SOLAR 323840	52.34 3.12 0.00	53.56 3.09 0.00	52.30 3.01 0.00	54.60 3.14 0.00	43.25 2.65 0.00	59.13 4.01 0.00	71.46 5.08 0.00	76.39 5.51 0.00	50.76 2.97 -0.05	70.49 2.02 -25.31	51.17 2.83 -1.85	62.37 3.58 -6.27	61.83 4.12 0.00	61.03 4.12 0.00	66.30 4.33 0.00	75.82 5.08 0.00	89.59 6.43 0.00	112.36 8.30 0.00	93.75 6.93 0.00	61.89 4.48 0.00	64.60 4.50 0.00	54.54 3.60 0.00	51.05 3.03 -0.06	46.62 2.65 0.00
EAST_PULASKI___ESR 323781	48.35 -0.87 0.00	49.46 -1.01 0.00	48.25 -1.04 0.00	50.42 -1.04 0.00	39.84 -0.76 0.00	54.21 -0.91 0.00	65.42 -0.96 0.00	69.92 -0.96 0.00	47.11 -0.63 0.00	42.53 -0.63 0.00	45.64 -0.85 0.00	51.46 -1.06 0.00	56.61 -1.10 0.00	55.79 -1.12 0.00	60.54 -1.43 0.00	69.00 -1.75 0.00	81.31 -1.85 0.00	101.80 -2.26 0.00	85.12 -1.70 0.00	56.40 -1.02 0.00	58.81 -1.30 0.00	49.70 -1.24 0.00	46.60 -1.36 0.00	42.73 -1.23 0.00
EAST_RIVER___1 323558	50.64 1.42 0.00	51.71 1.24 0.00	50.59 1.31 0.00	53.05 1.59 0.00	42.10 1.50 0.00	57.32 2.21 0.00	68.97 2.58 0.00	74.19 3.30 0.00	50.73 2.66 -0.32	209.47 2.21 -164.10	60.91 2.41 -12.01	98.03 2.64 -42.87	60.80 3.10 0.00	60.14 3.23 0.00	65.55 3.58 0.00	74.92 4.17 0.00	87.86 4.70 0.00	110.18 6.12 0.00	91.94 5.12 0.00	61.09 3.67 0.00	63.99 3.89 0.00	54.15 3.22 0.00	51.30 2.91 -0.42	46.44 2.48 0.00
EAST_RIVER___2 323559	50.63 1.42 0.00	51.71 1.23 0.00	50.59 1.31 0.00	53.03 1.57 0.00	42.09 1.49 0.00	57.30 2.19 0.00	68.95 2.57 0.00	74.22 3.34 0.00	50.78 2.71 -0.32	209.50 2.24 -164.10	60.96 2.46 -12.01	98.08 2.69 -42.87	60.86 3.15 0.00	60.21 3.29 0.00	65.61 3.64 0.00	74.98 4.23 0.00	87.94 4.78 0.00	110.24 6.18 0.00	92.04 5.22 0.00	61.15 3.73 0.00	64.03 3.93 0.00	54.17 3.24 0.00	51.31 2.93 -0.42	46.44 2.47 0.00
EAST___DELAWARE_HYD 23607	51.61 2.39 0.00	52.72 2.24 0.00	51.52 2.24 0.00	53.99 2.53 0.00	42.81 2.20 0.00	58.39 3.28 0.00	70.58 4.20 0.00	75.82 4.94 0.00	51.08 3.47 0.14	-28.18 3.04 74.37	44.37 3.33 5.44	37.86 3.67 18.33	61.83 4.12 0.00	61.17 4.25 0.00	66.66 4.69 0.00	76.23 5.48 0.00	89.67 6.51 0.00	112.41 8.35 0.00	93.65 6.84 0.00	62.06 4.65 0.00	64.88 4.77 0.00	54.78 3.85 0.00	51.06 3.30 0.20	46.80 2.84 0.00
EIGHT_POINT___WT_PWR 323820	48.70 -0.52 0.00	49.21 -1.26 0.00	47.91 -1.38 0.00	49.78 -1.67 0.00	38.93 -1.67 0.00	52.45 -2.67 0.00	62.81 -3.58 0.00	66.78 -4.10 0.00	44.56 -3.19 0.00	40.60 -2.56 0.00	43.22 -3.27 0.00	48.39 -4.13 0.00	53.88 -3.82 0.00	53.37 -3.54 0.00	58.62 -3.35 0.00	67.74 -3.01 0.00	80.47 -2.69 0.00	100.60 -3.46 0.00	83.68 -3.14 0.00	54.42 -2.99 0.00	56.57 -3.53 0.00	48.69 -2.24 0.00	46.03 -1.93 0.00	42.17 -1.79 0.00
ELBRIDGE_115KV_TB2 80188	48.16 -1.06 0.00	49.29 -1.18 0.00	48.01 -1.28 0.00	50.28 -1.18 0.00	39.76 -0.84 0.00	54.03 -1.09 0.00	65.20 -1.18 0.00	69.48 -1.41 0.00	46.88 -0.87 0.00	42.53 -0.63 0.00	45.76 -0.73 0.00	51.65 -0.87 0.00	56.84 -0.87 0.00	56.07 -0.84 0.00	60.95 -1.02 0.00	69.61 -1.13 0.00	81.87 -1.29 0.00	102.45 -1.62 0.00	85.50 -1.32 0.00	56.45 -0.96 0.00	58.91 -1.20 0.00	49.89 -1.04 0.00	46.98 -0.98 0.00	43.08 -0.88 0.00
ELEC_TRO_TEK 24086	51.15 1.93 0.00	52.00 1.52 0.00	50.88 1.59 0.00	53.40 1.94 0.00	42.41 1.81 0.00	57.83 2.71 0.00	69.63 3.25 0.00	74.63 3.75 0.00	51.03 2.97 -0.32	209.17 2.26 -163.75	61.25 2.77 -11.99	98.09 2.80 -42.77	60.97 3.27 0.00	60.23 3.32 0.00	65.82 3.85 0.00	75.27 4.53 0.00	88.13 4.98 0.00	110.78 6.72 0.00	92.62 5.80 0.00	66.77 4.23 -5.12	64.41 4.30 0.00	54.54 3.61 0.00	51.44 3.06 -0.42	46.62 2.66 0.00

ELLENBURG_WT_PWR 323604	51.03 1.81 0.00	52.51 2.03 0.00	51.22 1.93 0.00	53.30 1.84 0.00	41.92 1.31 0.00	56.89 1.77 0.00	68.32 1.93 0.00	72.37 1.49 0.00	48.37 0.62 0.00	43.55 0.39 0.00	46.85 0.36 0.00	53.01 0.50 0.00	57.82 0.11 0.00	56.48 -0.43 0.00	61.08 -0.89 0.00	69.90 -0.84 0.00	82.48 -0.68 0.00	103.15 -0.91 0.00	86.15 -0.67 0.00	56.73 -0.69 0.00	59.55 -0.55 0.00	50.70 -0.23 0.00	47.95 -0.01 0.00	44.10 0.13 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	47.12 -2.10 0.00	47.78 -2.69 0.00	46.46 -2.83 0.00	48.56 -2.89 0.00	38.47 -2.13 0.00	52.08 -3.04 0.00	61.93 -4.45 0.00	65.27 -5.61 0.00	44.23 -3.52 0.00	40.69 -2.47 0.00	43.71 -2.78 0.00	49.23 -3.29 0.00	54.47 -3.23 0.00	53.57 -3.34 0.00	58.20 -3.77 0.00	66.66 -4.08 0.00	78.55 -4.61 0.00	97.77 -6.30 0.00	80.99 -5.83 0.00	52.71 -4.71 0.00	54.46 -5.65 0.00	46.49 -4.44 0.00	44.42 -3.54 0.00	41.47 -2.49 0.00
EMPIRE_CC_1 323656	50.16 0.94 0.00	51.34 0.87 0.00	50.24 0.95 0.00	52.48 1.02 0.00	41.45 0.85 0.00	56.00 0.89 0.00	67.38 1.00 0.00	72.26 1.38 0.00	49.00 1.17 -0.08	90.19 0.88 -46.15	50.73 0.86 -3.38	64.95 1.00 -11.43	58.62 0.92 0.00	58.08 1.17 0.00	63.36 1.39 0.00	72.48 1.74 0.00	84.81 1.65 0.00	106.31 2.24 0.00	88.91 2.09 0.00	58.92 1.50 0.00	61.73 1.62 0.00	52.28 1.35 0.00	49.31 1.24 -0.11	44.97 1.01 0.00
EMPIRE_CC_2 323658	50.16 0.94 0.00	51.34 0.87 0.00	50.24 0.95 0.00	52.48 1.02 0.00	41.45 0.85 0.00	56.00 0.89 0.00	67.38 1.00 0.00	72.26 1.38 0.00	49.00 1.17 -0.08	90.19 0.88 -46.15	50.73 0.86 -3.38	64.95 1.00 -11.43	58.62 0.92 0.00	58.08 1.17 0.00	63.36 1.39 0.00	72.48 1.74 0.00	84.81 1.65 0.00	106.31 2.24 0.00	88.91 2.09 0.00	58.92 1.50 0.00	61.73 1.62 0.00	52.28 1.35 0.00	49.31 1.24 -0.11	44.97 1.01 0.00
ENORWICH_115KV_TB1 80156	52.71 3.49 0.00	53.93 3.46 0.00	52.57 3.28 0.00	55.00 3.55 0.00	43.34 2.74 0.00	58.64 3.53 0.00	71.29 4.91 0.00	78.40 7.52 0.00	51.98 4.31 0.07	6.47 4.14 40.83	47.78 4.28 2.99	47.31 4.90 10.10	63.49 5.79 0.00	61.25 4.34 0.00	66.76 4.80 0.00	76.50 5.76 0.00	91.99 8.82 0.00	117.26 13.20 0.00	93.88 7.06 0.00	61.91 4.50 0.00	64.53 4.42 0.00	54.59 3.66 0.00	51.14 3.22 0.04	46.88 2.92 0.00
ERIE_ST_34_KV_TB1-2 80199	48.59 -0.63 0.00	49.31 -1.16 0.00	47.95 -1.34 0.00	50.16 -1.29 0.00	39.73 -0.87 0.00	53.77 -1.35 0.00	63.95 -2.43 0.00	67.55 -3.34 0.00	45.81 -1.94 0.00	42.16 -1.00 0.00	45.34 -1.15 0.00	51.06 -1.46 0.00	56.49 -1.22 0.00	55.53 -1.39 0.00	60.31 -1.66 0.00	69.00 -1.75 0.00	81.35 -1.81 0.00	101.33 -2.74 0.00	84.02 -2.80 0.00	54.74 -2.67 0.00	56.59 -3.52 0.00	48.24 -2.70 0.00	45.95 -2.00 0.00	42.91 -1.05 0.00
ERIE_WT_PWR 323693	47.67 -1.55 0.00	48.27 -2.20 0.00	46.96 -2.32 0.00	49.14 -2.32 0.00	38.88 -1.73 0.00	52.67 -2.45 0.00	62.56 -3.82 0.00	65.99 -4.89 0.00	44.74 -3.01 0.00	41.22 -1.94 0.00	44.21 -2.28 0.00	49.81 -2.71 0.00	55.12 -2.59 0.00	54.23 -2.68 0.00	58.85 -3.12 0.00	67.38 -3.36 0.00	79.41 -3.75 0.00	92.98 -5.17 5.91	81.91 -4.90 0.00	53.30 -4.12 0.00	55.07 -5.03 0.00	47.02 -3.91 0.00	44.86 -3.10 0.00	41.89 -2.07 0.00
ESPRGFLD_115KV_TB1 80157	51.12 1.90 0.00	52.32 1.85 0.00	51.05 1.76 0.00	53.31 1.85 0.00	42.24 1.63 0.00	57.70 2.59 0.00	69.56 3.18 0.00	74.20 3.32 0.00	49.81 2.06 0.00	44.99 1.83 0.00	48.57 2.08 0.00	54.90 2.38 0.00	60.36 2.66 0.00	59.46 2.55 0.00	64.57 2.60 0.00	73.69 2.95 0.00	86.96 3.80 0.00	109.05 4.98 0.00	90.71 3.90 0.00	59.95 2.53 0.00	62.59 2.48 0.00	52.96 2.03 0.00	49.60 1.64 0.00	45.47 1.51 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	49.62 0.40 0.00	50.75 0.28 0.00	49.46 0.18 0.00	51.77 0.31 0.00	40.94 0.33 0.00	55.62 0.51 0.00	67.18 0.79 0.00	71.49 0.61 0.00	48.11 0.36 0.00	43.68 0.52 0.00	46.95 0.46 0.00	52.97 0.45 0.00	58.26 0.56 0.00	57.43 0.52 0.00	62.49 0.53 0.00	71.42 0.67 0.00	84.02 0.86 0.00	105.15 1.09 0.00	88.29 1.47 0.00	58.31 0.89 0.00	60.72 0.61 0.00	51.38 0.45 0.00	48.31 0.36 0.00	44.31 0.35 0.00
ETNA____115KV_TB2 80207	49.62 0.40 0.00	50.75 0.28 0.00	49.46 0.18 0.00	51.77 0.31 0.00	40.94 0.33 0.00	55.62 0.51 0.00	67.18 0.79 0.00	71.49 0.61 0.00	48.11 0.36 0.00	43.68 0.52 0.00	46.95 0.46 0.00	52.97 0.45 0.00	58.26 0.56 0.00	57.43 0.52 0.00	62.49 0.53 0.00	71.42 0.67 0.00	84.02 0.86 0.00	105.15 1.09 0.00	88.29 1.47 0.00	58.31 0.89 0.00	60.72 0.61 0.00	51.38 0.45 0.00	48.31 0.36 0.00	44.31 0.35 0.00
EUCLID____115KV_TB2 356179	47.78 -1.43 0.00	48.89 -1.58 0.00	47.70 -1.58 0.00	49.88 -1.57 0.00	39.47 -1.13 0.00	53.63 -1.49 0.00	64.64 -1.74 0.00	69.02 -1.86 0.00	46.55 -1.20 0.00	42.20 -0.96 0.00	45.41 -1.08 0.00	51.26 -1.26 0.00	56.40 -1.31 0.00	55.65 -1.27 0.00	60.56 -1.41 0.00	69.18 -1.57 0.00	81.33 -1.83 0.00	101.72 -2.34 0.00	84.82 -2.00 0.00	56.04 -1.38 0.00	58.47 -1.64 0.00	49.51 -1.43 0.00	46.62 -1.34 0.00	42.74 -1.22 0.00
E_CANADA_CAP_HY 24051	51.72 2.50 0.00	52.96 2.48 0.00	51.71 2.43 0.00	53.94 2.49 0.00	42.73 2.13 0.00	58.42 3.30 0.00	70.36 3.97 0.00	75.03 4.15 0.00	50.12 2.34 -0.04	65.97 1.80 -21.01	50.23 2.20 -1.54	60.49 2.77 -5.20	60.78 3.08 0.00	59.87 2.96 0.00	64.92 2.95 0.00	74.11 3.37 0.00	87.42 4.26 0.00	109.59 5.52 0.00	91.33 4.51 0.00	60.36 2.94 0.00	63.05 2.94 0.00	53.36 2.43 0.00	50.00 1.99 -0.05	45.78 1.81 0.00
E_CANADA_MHWK_HY 24050	49.65 0.43 0.00	50.82 0.34 0.00	49.66 0.38 0.00	52.00 0.54 0.00	41.05 0.45 0.00	55.52 0.40 0.00	67.10 0.71 0.00	71.56 0.67 0.00	47.97 0.22 0.00	42.90 -0.26 0.00	46.36 -0.13 0.00	52.79 0.27 0.00	57.91 0.20 0.00	57.42 0.50 0.00	62.64 0.67 0.00	71.70 0.95 0.00	83.89 0.73 0.00	105.22 1.16 0.00	88.21 1.39 0.00	58.65 1.23 0.00	61.30 1.19 0.00	51.84 0.91 0.00	48.66 0.70 0.00	44.27 0.31 0.00
E_FISHKILL____LBMP 23776	50.53 1.31 0.00	51.62 1.15 0.00	50.48 1.19 0.00	52.88 1.42 0.00	41.89 1.29 0.00	57.02 1.90 0.00	68.70 2.32 0.00	73.76 2.88 0.00	50.30 2.32 -0.23	169.95 1.92 -124.87	57.70 2.07 -9.14	86.10 2.25 -31.33	60.24 2.53 0.00	59.63 2.72 0.00	65.01 3.04 0.00	74.31 3.57 0.00	87.14 3.98 0.00	109.28 5.21 0.00	91.26 4.44 0.00	60.58 3.17 0.00	63.43 3.33 0.00	53.69 2.75 0.00	50.67 2.40 -0.31	46.00 2.04 0.00
FALCON____SEABRD_CC1 323796	51.36 2.14 0.00	52.83 2.36 0.00	51.53 2.24 0.00	53.66 2.21 0.00	42.26 1.66 0.00	57.38 2.26 0.00	69.00 2.62 0.00	73.02 2.14 0.00	48.88 1.14 0.00	44.04 0.89 0.00	47.27 0.78 0.00	53.43 0.91 0.00	58.24 0.53 0.00	57.03 0.12 0.00	61.72 -0.24 0.00	70.64 -0.11 0.00	83.30 0.14 0.00	104.22 0.15 0.00	87.09 0.27 0.00	57.29 -0.12 0.00	60.03 -0.07 0.00	51.04 0.10 0.00	48.17 0.21 0.00	44.22 0.26 0.00

FALCON___SEABRD_CC2 323797	51.36 2.14 0.00	52.83 2.36 0.00	51.53 2.24 0.00	53.66 2.21 0.00	42.26 1.66 0.00	57.38 2.26 0.00	69.00 2.62 0.00	73.02 2.14 0.00	48.88 1.14 0.00	44.04 0.89 0.00	47.27 0.78 0.00	53.43 0.91 0.00	58.24 0.53 0.00	57.03 0.12 0.00	61.72 -0.24 0.00	70.64 -0.11 0.00	83.30 0.14 0.00	104.22 0.15 0.00	87.09 0.27 0.00	57.29 -0.12 0.00	60.03 -0.07 0.00	51.04 0.10 0.00	48.17 0.21 0.00	44.22 0.26 0.00
FAR ROCKAWAY___4 23548	51.71 2.49 0.00	52.57 2.09 0.00	51.43 2.14 0.00	53.98 2.52 0.00	42.86 2.26 0.00	58.51 3.39 0.00	70.56 4.18 0.00	75.49 4.61 0.00	51.55 3.49 -0.32	209.72 2.82 -163.75	61.92 3.44 -11.99	98.84 3.55 -42.77	61.81 4.11 0.00	61.06 4.15 0.00	66.73 4.76 0.00	76.31 5.57 0.00	89.10 5.94 0.00	111.96 7.90 0.00	94.06 7.24 0.00	67.66 5.12 -5.12	65.29 5.18 0.00	55.25 4.32 0.00	52.05 3.67 -0.42	47.17 3.21 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	50.68 1.46 0.00	51.75 1.27 0.00	50.64 1.35 0.00	53.10 1.64 0.00	42.14 1.53 0.00	57.37 2.25 0.00	69.02 2.63 0.00	74.24 3.36 0.00	50.76 2.70 -0.32	209.48 2.24 -164.08	60.93 2.43 -12.01	98.04 2.66 -42.87	60.84 3.14 0.00	60.18 3.27 0.00	65.60 3.63 0.00	74.97 4.22 0.00	87.91 4.75 0.00	110.23 6.17 0.00	91.99 5.17 0.00	61.11 3.69 0.00	64.03 3.93 0.00	54.20 3.27 0.00	51.33 2.95 -0.42	46.48 2.52 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	50.62 1.40 0.00	51.69 1.22 0.00	50.58 1.30 0.00	53.04 1.58 0.00	42.09 1.49 0.00	57.30 2.18 0.00	68.93 2.55 0.00	74.16 3.27 0.00	50.68 2.62 -0.32	209.41 2.17 -164.08	60.86 2.36 -12.01	97.97 2.59 -42.87	60.74 3.04 0.00	60.10 3.19 0.00	65.49 3.53 0.00	74.85 4.11 0.00	87.78 4.61 0.00	110.08 6.01 0.00	91.86 5.04 0.00	61.03 3.61 0.00	63.94 3.84 0.00	54.12 3.19 0.00	51.28 2.89 -0.42	46.43 2.47 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	50.65 1.43 0.00	51.72 1.25 0.00	50.61 1.32 0.00	53.06 1.60 0.00	42.12 1.52 0.00	57.36 2.24 0.00	69.00 2.62 0.00	74.23 3.35 0.00	50.75 2.69 -0.32	209.46 2.23 -164.08	60.92 2.42 -12.01	98.03 2.65 -42.87	60.82 3.12 0.00	60.18 3.27 0.00	65.58 3.61 0.00	74.93 4.19 0.00	87.88 4.72 0.00	110.19 6.13 0.00	91.97 5.15 0.00	61.10 3.68 0.00	64.00 3.90 0.00	54.17 3.24 0.00	51.30 2.92 -0.42	46.46 2.50 0.00
FARRAGUT___LBMP 323566	50.62 1.40 0.00	51.69 1.22 0.00	50.58 1.30 0.00	53.04 1.58 0.00	42.09 1.49 0.00	57.30 2.18 0.00	68.93 2.55 0.00	74.16 3.27 0.00	50.68 2.62 -0.32	209.41 2.17 -164.08	60.86 2.36 -12.01	97.97 2.59 -42.87	60.74 3.04 0.00	60.10 3.19 0.00	65.49 3.53 0.00	74.85 4.11 0.00	87.78 4.61 0.00	110.08 6.01 0.00	91.86 5.04 0.00	61.03 3.61 0.00	63.94 3.84 0.00	54.12 3.19 0.00	51.28 2.89 -0.42	46.43 2.47 0.00
FENNER___WINDPWR 24204	49.82 0.60 0.00	51.07 0.60 0.00	49.85 0.57 0.00	52.11 0.65 0.00	41.21 0.60 0.00	56.05 0.94 0.00	67.74 1.36 0.00	72.26 1.38 0.00	48.60 0.85 0.00	43.95 0.79 0.00	47.28 0.79 0.00	53.30 0.78 0.00	58.61 0.91 0.00	57.82 0.91 0.00	62.96 0.99 0.00	71.90 1.15 0.00	84.50 1.34 0.00	105.56 1.49 0.00	88.20 1.39 0.00	58.29 0.88 0.00	60.83 0.73 0.00	51.45 0.51 0.00	48.36 0.40 0.00	44.27 0.31 0.00
FIBERTEK___ENERGY 23856	48.39 -0.83 0.00	49.52 -0.96 0.00	48.28 -1.01 0.00	50.51 -0.94 0.00	39.97 -0.63 0.00	54.32 -0.79 0.00	65.57 -0.81 0.00	69.96 -0.92 0.00	47.17 -0.58 0.00	42.77 -0.38 0.00	46.04 -0.45 0.00	51.96 -0.56 0.00	57.17 -0.53 0.00	56.41 -0.50 0.00	61.36 -0.61 0.00	70.09 -0.66 0.00	82.41 -0.75 0.00	103.11 -0.96 0.00	86.02 -0.80 0.00	56.80 -0.62 0.00	59.27 -0.84 0.00	50.19 -0.75 0.00	47.24 -0.72 0.00	43.30 -0.67 0.00
FITZPATRICK____ 23598	47.20 -2.02 0.00	48.33 -2.15 0.00	47.16 -2.13 0.00	49.29 -2.17 0.00	38.94 -1.66 0.00	52.88 -2.24 0.00	63.70 -2.68 0.00	68.01 -2.87 0.00	45.85 -1.90 0.00	41.53 -1.62 0.00	44.71 -1.78 0.00	50.48 -2.04 0.00	55.52 -2.18 0.00	54.77 -2.14 0.00	59.61 -2.36 0.00	68.07 -2.67 0.00	80.03 -3.14 0.00	100.15 -3.91 0.00	83.53 -3.29 0.00	55.20 -2.22 0.00	57.64 -2.47 0.00	48.83 -2.11 0.00	45.98 -1.98 0.00	42.17 -1.79 0.00
FLOWRFLD_69_KV_BK1 356044	51.91 2.69 0.00	52.70 2.23 0.00	51.53 2.25 0.00	54.14 2.69 0.00	43.07 2.47 0.00	58.82 3.70 0.00	70.89 4.50 0.00	75.90 5.02 0.00	51.89 3.83 -0.32	209.75 2.84 -163.75	61.97 3.49 -11.99	98.94 3.66 -42.77	61.95 4.24 0.00	61.00 4.09 0.00	66.90 4.93 0.00	76.54 5.80 0.00	89.34 6.18 0.00	112.50 8.43 0.00	94.49 7.67 0.00	68.05 5.51 -5.12	65.64 5.53 0.00	55.59 4.65 0.00	52.34 3.96 -0.42	47.30 3.33 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.26 2.04 0.00	52.33 1.86 0.00	51.17 1.88 0.00	53.61 2.15 0.00	42.51 1.90 0.00	57.91 2.79 0.00	69.91 3.52 0.00	75.10 4.21 0.00	50.90 3.11 -0.05	70.39 2.65 -24.59	51.19 2.90 -1.80	61.98 3.18 -6.28	61.28 3.58 0.00	60.68 3.76 0.00	66.14 4.17 0.00	75.61 4.87 0.00	88.75 5.59 0.00	111.31 7.25 0.00	92.90 6.08 0.00	61.63 4.21 0.00	64.46 4.36 0.00	54.49 3.56 0.00	51.11 3.09 -0.06	46.59 2.63 0.00
FORT ORANGE____ 23900	50.65 1.43 0.00	51.85 1.37 0.00	50.70 1.41 0.00	52.92 1.46 0.00	41.57 0.97 0.00	56.06 0.94 0.00	67.59 1.21 0.00	72.44 1.56 0.00	49.04 1.22 -0.07	80.41 0.87 -36.38	50.03 0.88 -2.67	62.67 1.14 -9.01	58.90 1.20 0.00	58.33 1.42 0.00	63.64 1.67 0.00	72.78 2.04 0.00	85.34 2.18 0.00	106.95 2.89 0.00	89.38 2.56 0.00	59.16 1.74 0.00	61.92 1.81 0.00	52.44 1.51 0.00	49.59 1.54 -0.09	45.24 1.28 0.00
FORT_DRUM_COGEN 23780	50.39 1.17 0.00	51.56 1.09 0.00	50.30 1.01 0.00	52.43 0.97 0.00	41.32 0.72 0.00	56.42 1.31 0.00	68.28 1.89 0.00	73.19 2.31 0.00	49.13 1.39 0.00	43.81 0.65 0.00	46.70 0.21 0.00	52.50 -0.02 0.00	57.75 0.05 0.00	56.74 -0.17 0.00	61.01 -0.95 0.00	69.35 -1.39 0.00	82.22 -0.94 0.00	103.21 -0.85 0.00	86.78 -0.04 0.00	57.64 0.22 0.00	60.01 -0.10 0.00	50.42 -0.51 0.00	46.92 -1.04 0.00	43.04 -0.92 0.00
FOX_HILLS___ESR 323835	50.96 1.74 0.00	51.99 1.51 0.00	50.87 1.59 0.00	53.33 1.87 0.00	42.32 1.72 0.00	57.61 2.50 0.00	69.15 2.76 0.00	74.32 3.44 0.00	50.86 2.79 -0.32	209.41 2.25 -164.00	61.00 2.50 -12.00	98.06 2.70 -42.84	60.93 3.22 0.00	60.27 3.36 0.00	65.65 3.68 0.00	75.00 4.26 0.00	87.93 4.77 0.00	110.28 6.22 0.00	92.07 5.25 0.00	61.23 3.81 0.00	64.21 4.10 0.00	54.38 3.45 0.00	51.47 3.09 -0.42	46.66 2.70 0.00
FPL FAR_ROCK_GT1 24212	51.71 2.49 0.00	52.56 2.09 0.00	51.43 2.14 0.00	53.98 2.52 0.00	42.86 2.26 0.00	58.51 3.39 0.00	70.56 4.18 0.00	75.50 4.61 0.00	51.55 3.49 -0.32	209.72 2.82 -163.75	61.92 3.44 -11.99	98.83 3.55 -42.77	61.81 4.11 0.00	61.06 4.14 0.00	66.73 4.76 0.00	76.31 5.57 0.00	89.10 5.94 0.00	111.96 7.90 0.00	94.05 7.23 0.00	67.66 5.12 -5.12	65.29 5.18 0.00	55.25 4.31 0.00	52.06 3.68 -0.42	47.17 3.21 0.00

FPL FAR_ROCK_GT2 23815	51.71 2.49 0.00	52.56 2.09 0.00	51.43 2.14 0.00	53.98 2.52 0.00	42.86 2.26 0.00	58.51 3.39 0.00	70.56 4.18 0.00	75.50 4.61 0.00	51.55 3.49 -0.32	209.72 2.82 -163.75	61.92 3.44 -11.99	98.83 3.55 -42.77	61.81 4.11 0.00	61.06 4.14 0.00	66.73 4.76 0.00	76.31 5.57 0.00	89.10 5.94 0.00	111.96 7.90 0.00	94.05 7.23 0.00	67.66 5.12 -5.12	65.29 5.18 0.00	55.25 4.31 0.00	52.06 3.68 -0.42	47.17 3.21 0.00
FRANKLIN_FALL_HYD 24054	51.72 2.50 0.00	53.20 2.73 0.00	51.89 2.61 0.00	53.91 2.45 0.00	42.34 1.74 0.00	57.32 2.20 0.00	68.75 2.37 0.00	72.96 2.08 0.00	49.12 1.38 0.00	44.24 1.08 0.00	47.77 1.28 0.00	53.97 1.46 0.00	58.91 1.20 0.00	57.64 0.73 0.00	61.98 0.02 0.00	70.64 -0.11 0.00	83.33 0.16 0.00	104.43 0.37 0.00	87.25 0.44 0.00	57.39 -0.02 0.00	60.07 -0.03 0.00	51.12 0.19 0.00	48.29 0.33 0.00	44.69 0.73 0.00
FREEPORT_EQUS_GT1 23764	51.48 2.26 0.00	52.30 1.82 0.00	51.19 1.91 0.00	53.74 2.29 0.00	42.70 2.10 0.00	58.13 3.01 0.00	69.92 3.54 0.00	74.90 4.02 0.00	51.22 3.15 -0.32	209.42 2.52 -163.75	61.51 3.03 -11.99	98.29 3.00 -42.77	61.20 3.50 0.00	60.41 3.49 0.00	66.08 4.12 0.00	75.58 4.84 0.00	88.51 5.35 0.00	111.37 7.30 0.00	93.17 6.35 0.00	67.15 4.61 -5.12	64.91 4.80 0.00	55.02 4.09 0.00	51.85 3.47 -0.42	46.98 3.02 0.00
FREEPORT___CT2 23818	51.48 2.26 0.00	52.30 1.82 0.00	51.19 1.91 0.00	53.74 2.29 0.00	42.70 2.10 0.00	58.13 3.01 0.00	69.92 3.54 0.00	74.90 4.02 0.00	51.22 3.15 -0.32	209.42 2.52 -163.75	61.51 3.03 -11.99	98.29 3.00 -42.77	61.20 3.50 0.00	60.41 3.49 0.00	66.08 4.12 0.00	75.58 4.84 0.00	88.51 5.35 0.00	111.37 7.30 0.00	93.17 6.35 0.00	67.15 4.61 -5.12	64.91 4.80 0.00	55.02 4.09 0.00	51.85 3.47 -0.42	46.98 3.02 0.00
FRESHKLS_33_KV_LOAD 356253	51.01 1.79 0.00	52.05 1.57 0.00	50.93 1.65 0.00	53.41 1.95 0.00	42.37 1.77 0.00	57.71 2.59 0.00	69.22 2.84 0.00	74.35 3.47 0.00	50.87 2.80 -0.32	209.38 2.23 -164.00	60.95 2.46 -12.00	97.99 2.63 -42.84	60.88 3.17 0.00	60.22 3.30 0.00	65.62 3.65 0.00	74.97 4.23 0.00	87.89 4.73 0.00	110.26 6.20 0.00	92.06 5.25 0.00	61.23 3.81 0.00	64.19 4.09 0.00	54.37 3.44 0.00	51.48 3.09 -0.42	46.69 2.73 0.00
FULTON COGEN____ 23766	47.54 -1.68 0.00	48.63 -1.84 0.00	47.45 -1.83 0.00	49.62 -1.84 0.00	39.24 -1.36 0.00	53.33 -1.79 0.00	64.35 -2.03 0.00	68.74 -2.15 0.00	46.35 -1.39 0.00	41.99 -1.17 0.00	45.20 -1.29 0.00	51.05 -1.47 0.00	56.17 -1.54 0.00	55.42 -1.49 0.00	60.32 -1.65 0.00	68.89 -1.85 0.00	80.99 -2.17 0.00	101.38 -2.68 0.00	84.54 -2.28 0.00	55.86 -1.55 0.00	58.28 -1.83 0.00	49.33 -1.60 0.00	46.41 -1.55 0.00	42.54 -1.42 0.00
FULTON___LFGE 323630	51.83 2.62 0.00	53.06 2.59 0.00	51.81 2.52 0.00	54.07 2.62 0.00	42.82 2.22 0.00	58.46 3.34 0.00	70.60 4.22 0.00	75.47 4.58 0.00	50.44 2.65 -0.05	71.41 1.86 -26.40	50.62 2.20 -1.93	62.10 3.04 -6.54	61.27 3.57 0.00	60.44 3.53 0.00	65.67 3.70 0.00	75.09 4.34 0.00	88.53 5.37 0.00	110.99 6.92 0.00	92.60 5.78 0.00	61.20 3.79 0.00	63.92 3.82 0.00	54.01 3.08 0.00	50.62 2.59 -0.07	46.22 2.26 0.00
G.F.CEMENT___DRP 24184	51.89 2.67 0.00	53.19 2.71 0.00	52.09 2.81 0.00	54.45 3.00 0.00	43.05 2.45 0.00	58.69 3.57 0.00	70.82 4.44 0.00	75.77 4.89 0.00	51.18 3.36 -0.07	82.74 2.91 -36.67	52.20 3.02 -2.69	65.06 3.46 -9.08	61.36 3.66 0.00	60.82 3.90 0.00	66.38 4.41 0.00	76.18 5.44 0.00	89.52 6.36 0.00	111.98 7.92 0.00	94.01 7.19 0.00	62.14 4.72 0.00	64.84 4.74 0.00	54.74 3.81 0.00	51.36 3.31 -0.09	46.70 2.74 0.00
GARDENVILLE___LBMP 24039	47.42 -1.80 0.00	48.05 -2.43 0.00	46.72 -2.57 0.00	48.84 -2.62 0.00	38.68 -1.92 0.00	52.38 -2.74 0.00	62.30 -4.08 0.00	65.69 -5.19 0.00	44.49 -3.26 0.00	40.93 -2.22 0.00	43.96 -2.53 0.00	49.51 -3.01 0.00	54.78 -2.93 0.00	53.87 -3.04 0.00	58.52 -3.45 0.00	67.04 -3.71 0.00	78.96 -4.20 0.00	98.30 -5.77 0.00	81.48 -5.34 0.00	53.02 -4.40 0.00	54.79 -5.32 0.00	46.77 -4.16 0.00	44.65 -3.31 0.00	41.68 -2.28 0.00
GARDNVLA_35_KV_LD 355827	47.70 -1.52 0.00	48.35 -2.13 0.00	47.01 -2.28 0.00	49.14 -2.31 0.00	38.91 -1.69 0.00	52.67 -2.45 0.00	62.65 -3.73 0.00	66.09 -4.79 0.00	44.80 -2.95 0.00	41.23 -1.93 0.00	44.26 -2.23 0.00	49.85 -2.67 0.00	55.15 -2.55 0.00	54.25 -2.67 0.00	58.93 -3.04 0.00	67.50 -3.24 0.00	79.59 -3.57 0.00	99.10 -4.97 0.00	82.13 -4.69 0.00	53.46 -3.95 0.00	55.21 -4.90 0.00	47.11 -3.82 0.00	44.95 -3.01 0.00	41.95 -2.01 0.00
GELCKHM___115KV_LOAD 80723	48.03 -1.19 0.00	49.14 -1.34 0.00	47.94 -1.35 0.00	50.13 -1.33 0.00	39.66 -0.95 0.00	53.89 -1.23 0.00	65.01 -1.37 0.00	69.39 -1.50 0.00	46.79 -0.96 0.00	42.42 -0.74 0.00	45.64 -0.85 0.00	51.53 -0.99 0.00	56.70 -1.00 0.00	55.94 -0.97 0.00	60.87 -1.10 0.00	69.53 -1.21 0.00	81.75 -1.41 0.00	102.26 -1.81 0.00	85.31 -1.51 0.00	56.34 -1.08 0.00	58.77 -1.34 0.00	49.77 -1.17 0.00	46.85 -1.10 0.00	42.96 -1.00 0.00
GENERAL___MILLS 23808	47.62 -1.60 0.00	48.27 -2.20 0.00	46.93 -2.36 0.00	49.08 -2.37 0.00	38.86 -1.74 0.00	52.61 -2.51 0.00	62.57 -3.82 0.00	65.98 -4.91 0.00	44.72 -3.03 0.00	41.15 -2.01 0.00	44.17 -2.32 0.00	49.76 -2.76 0.00	55.05 -2.65 0.00	54.14 -2.77 0.00	58.82 -3.15 0.00	67.36 -3.38 0.00	79.41 -3.75 0.00	98.86 -5.20 0.00	81.92 -4.89 0.00	53.31 -4.11 0.00	55.08 -5.02 0.00	47.02 -3.91 0.00	44.86 -3.10 0.00	41.89 -2.07 0.00
GE_PLASTICS___DRP 24183	50.24 1.02 0.00	51.43 0.96 0.00	50.29 1.00 0.00	52.51 1.05 0.00	41.34 0.74 0.00	55.86 0.74 0.00	67.28 0.90 0.00	72.04 1.15 0.00	48.76 0.94 -0.07	80.51 0.72 -36.63	49.90 0.73 -2.68	62.48 0.89 -9.07	58.62 0.92 0.00	57.99 1.08 0.00	63.25 1.28 0.00	72.30 1.56 0.00	84.75 1.59 0.00	106.17 2.10 0.00	88.71 1.89 0.00	58.76 1.34 0.00	61.50 1.40 0.00	52.11 1.17 0.00	49.23 1.18 -0.09	44.93 0.97 0.00
GILBOA___1 23756	49.98 0.76 0.00	51.15 0.68 0.00	49.99 0.70 0.00	52.28 0.82 0.00	41.29 0.69 0.00	56.05 0.93 0.00	67.49 1.11 0.00	72.12 1.24 0.00	48.86 1.07 -0.04	66.11 0.92 -22.04	49.04 0.93 -1.61	59.01 1.03 -5.46	58.84 1.14 0.00	58.17 1.26 0.00	63.40 1.43 0.00	72.45 1.71 0.00	84.82 1.66 0.00	106.27 2.21 0.00	88.78 1.96 0.00	58.92 1.50 0.00	61.65 1.54 0.00	52.20 1.27 0.00	49.14 1.13 -0.05	44.91 0.95 0.00
GILBOA___2 23757	49.98 0.76 0.00	51.15 0.68 0.00	49.99 0.70 0.00	52.28 0.82 0.00	41.29 0.69 0.00	56.05 0.93 0.00	67.49 1.11 0.00	72.12 1.24 0.00	48.86 1.07 -0.04	66.11 0.92 -22.04	49.04 0.93 -1.61	59.01 1.03 -5.46	58.84 1.14 0.00	58.17 1.26 0.00	63.40 1.43 0.00	72.45 1.71 0.00	84.82 1.66 0.00	106.27 2.21 0.00	88.78 1.96 0.00	58.92 1.50 0.00	61.65 1.54 0.00	52.20 1.27 0.00	49.14 1.13 -0.05	44.91 0.95 0.00

GILBOA___3 23758	49.98 0.76 0.00	51.15 0.68 0.00	49.99 0.70 0.00	52.28 0.82 0.00	41.29 0.69 0.00	56.05 0.93 0.00	67.49 1.11 0.00	72.12 1.24 0.00	48.86 1.07 -0.04	66.11 0.92 -22.04	49.04 0.93 -1.61	59.01 1.03 -5.46	58.84 1.14 0.00	58.17 1.26 0.00	63.40 1.43 0.00	72.45 1.71 0.00	84.82 1.66 0.00	106.27 2.21 0.00	88.78 1.96 0.00	58.92 1.50 0.00	61.65 1.54 0.00	52.20 1.27 0.00	49.14 1.13 -0.05	44.91 0.95 0.00
GILBOA___4 23759	49.98 0.76 0.00	51.15 0.68 0.00	49.99 0.70 0.00	52.28 0.82 0.00	41.29 0.69 0.00	56.05 0.93 0.00	67.49 1.11 0.00	72.12 1.24 0.00	48.86 1.07 -0.04	66.11 0.92 -22.04	49.04 0.93 -1.61	59.01 1.03 -5.46	58.84 1.14 0.00	58.17 1.26 0.00	63.40 1.43 0.00	72.45 1.71 0.00	84.82 1.66 0.00	106.27 2.21 0.00	88.78 1.96 0.00	58.92 1.50 0.00	61.65 1.54 0.00	52.20 1.27 0.00	49.14 1.13 -0.05	44.91 0.95 0.00
GILBOA___ 23599	49.98 0.77 0.00	51.15 0.68 0.00	49.98 0.70 0.00	52.28 0.82 0.00	41.29 0.69 0.00	56.05 0.94 0.00	67.50 1.12 0.00	72.12 1.24 0.00	48.86 1.07 -0.04	66.11 0.91 -22.04	49.04 0.94 -1.61	59.01 1.04 -5.46	58.84 1.14 0.00	58.17 1.26 0.00	63.39 1.43 0.00	72.45 1.71 0.00	84.82 1.66 0.00	106.27 2.21 0.00	88.78 1.97 0.00	58.92 1.50 0.00	61.65 1.54 0.00	52.21 1.27 0.00	49.14 1.13 -0.05	44.91 0.95 0.00
GINNA___ 23603	45.38 -3.84 0.00	46.26 -4.22 0.00	45.06 -4.22 0.00	47.12 -4.34 0.00	37.36 -3.24 0.00	50.74 -4.38 0.00	61.00 -5.38 0.00	64.87 -6.01 0.00	43.85 -3.89 0.00	40.03 -3.13 0.00	43.12 -3.37 0.00	48.66 -3.86 0.00	53.58 -4.12 0.00	52.84 -4.08 0.00	57.43 -4.54 0.00	65.63 -5.11 0.00	77.48 -5.67 0.00	94.53 -7.34 2.20	80.35 -6.47 0.00	52.66 -4.75 0.00	54.67 -5.43 0.00	46.35 -4.59 0.00	43.78 -4.18 0.00	40.40 -3.56 0.00
GLEN PARK___ 23778	50.50 1.29 0.00	51.66 1.18 0.00	50.38 1.09 0.00	52.53 1.07 0.00	41.43 0.83 0.00	56.61 1.49 0.00	68.55 2.17 0.00	73.54 2.65 0.00	49.36 1.61 0.00	44.03 0.88 0.00	46.95 0.46 0.00	52.78 0.27 0.00	58.08 0.37 0.00	57.07 0.16 0.00	61.41 -0.56 0.00	69.84 -0.91 0.00	82.86 -0.30 0.00	103.98 -0.08 0.00	87.40 0.58 0.00	58.02 0.60 0.00	60.38 0.28 0.00	50.71 -0.23 0.00	47.16 -0.80 0.00	43.22 -0.74 0.00
GLENDALE_27_KV_LOAD 356172	50.89 1.68 0.00	51.93 1.45 0.00	50.81 1.52 0.00	53.27 1.81 0.00	42.26 1.66 0.00	57.56 2.44 0.00	69.28 2.90 0.00	74.54 3.66 0.00	50.98 2.91 -0.32	209.57 2.42 -164.00	61.16 2.66 -12.00	98.27 2.91 -42.84	61.15 3.44 0.00	60.47 3.56 0.00	65.91 3.94 0.00	75.31 4.57 0.00	88.30 5.14 0.00	110.75 6.69 0.00	92.43 5.61 0.00	61.44 4.03 0.00	64.36 4.26 0.00	54.45 3.52 0.00	51.52 3.14 -0.42	46.64 2.68 0.00
GLENWOOD_IC_1_G5 23712	51.19 1.97 0.00	52.09 1.62 0.00	50.95 1.66 0.00	53.46 2.00 0.00	42.45 1.85 0.00	57.89 2.77 0.00	69.72 3.33 0.00	74.75 3.87 0.00	50.96 2.89 -0.32	209.17 2.26 -163.75	61.19 2.71 -11.99	98.22 2.94 -42.77	61.03 3.33 0.00	60.23 3.31 0.00	65.77 3.80 0.00	75.20 4.45 0.00	88.10 4.95 0.00	110.66 6.60 0.00	92.49 5.67 0.00	66.66 4.11 -5.12	64.33 4.23 0.00	54.62 3.68 0.00	51.49 3.10 -0.42	46.60 2.64 0.00
GLENWOOD_IC_2_G1 23688	50.89 1.67 0.00	51.87 1.39 0.00	50.73 1.45 0.00	53.20 1.74 0.00	42.22 1.62 0.00	57.53 2.41 0.00	69.29 2.91 0.00	74.37 3.49 0.00	50.78 2.72 -0.32	209.10 2.20 -163.75	60.99 2.51 -11.99	97.94 2.66 -42.77	60.77 3.06 0.00	60.08 3.17 0.00	65.56 3.59 0.00	74.95 4.20 0.00	87.85 4.69 0.00	110.24 6.18 0.00	92.10 5.28 0.00	66.34 3.80 -5.12	64.06 3.95 0.00	54.22 3.29 0.00	51.24 2.85 -0.42	46.41 2.45 0.00
GLENWOOD_IC_3_G1 23689	50.89 1.67 0.00	51.87 1.39 0.00	50.73 1.45 0.00	53.20 1.74 0.00	42.22 1.62 0.00	57.53 2.41 0.00	69.29 2.91 0.00	74.37 3.49 0.00	50.78 2.72 -0.32	209.10 2.20 -163.75	60.99 2.51 -11.99	97.94 2.66 -42.77	60.77 3.06 0.00	60.08 3.17 0.00	65.56 3.59 0.00	74.95 4.20 0.00	87.85 4.69 0.00	110.24 6.18 0.00	92.10 5.28 0.00	66.34 3.80 -5.12	64.06 3.95 0.00	54.22 3.29 0.00	51.24 2.85 -0.42	46.41 2.45 0.00
GLENWOOD___4 23550	51.19 1.97 0.00	52.09 1.62 0.00	50.95 1.66 0.00	53.46 2.00 0.00	42.45 1.85 0.00	57.89 2.77 0.00	69.72 3.33 0.00	74.76 3.88 0.00	51.02 2.95 -0.32	209.22 2.31 -163.75	61.24 2.76 -11.99	98.23 2.95 -42.77	61.08 3.38 0.00	60.29 3.38 0.00	65.84 3.87 0.00	75.27 4.53 0.00	88.20 5.04 0.00	110.79 6.73 0.00	92.58 5.76 0.00	66.72 4.18 -5.12	64.40 4.30 0.00	54.62 3.68 0.00	51.49 3.10 -0.42	46.60 2.64 0.00
GLENWOOD___5 23614	51.19 1.97 0.00	52.09 1.62 0.00	50.95 1.66 0.00	53.46 2.00 0.00	42.45 1.85 0.00	57.89 2.77 0.00	69.72 3.33 0.00	74.76 3.88 0.00	51.02 2.95 -0.32	209.22 2.31 -163.75	61.24 2.76 -11.99	98.23 2.95 -42.77	61.08 3.38 0.00	60.29 3.38 0.00	65.84 3.87 0.00	75.27 4.53 0.00	88.20 5.04 0.00	110.79 6.73 0.00	92.58 5.76 0.00	66.72 4.18 -5.12	64.40 4.30 0.00	54.62 3.68 0.00	51.49 3.10 -0.42	46.60 2.64 0.00
GLOBAL GREEN_PORT_GT1 23814	53.10 3.88 0.00	53.94 3.46 0.00	52.73 3.45 0.00	55.46 4.00 0.00	44.18 3.58 0.00	60.53 5.41 0.00	73.28 6.89 0.00	78.48 7.60 0.00	53.51 5.44 -0.32	211.01 4.11 -163.75	63.16 4.69 -11.99	100.25 4.96 -42.77	63.48 5.78 0.00	62.59 5.68 0.00	68.66 6.69 0.00	78.58 7.84 0.00	92.24 9.08 0.00	116.13 12.06 0.00	96.39 9.57 0.00	68.76 6.22 -5.12	66.83 6.72 0.00	56.51 5.58 0.00	53.67 5.28 -0.42	48.18 4.22 0.00
GLOBE___DSASP 323697	45.48 -3.74 0.00	46.14 -4.34 0.00	44.84 -4.45 0.00	46.83 -4.63 0.00	37.19 -3.42 0.00	50.24 -4.88 0.00	59.58 -6.81 0.00	62.72 -8.16 0.00	42.57 -5.18 0.00	39.17 -3.99 0.00	42.12 -4.37 0.00	47.44 -5.07 0.00	52.45 -5.25 0.00	51.59 -5.33 0.00	56.07 -5.90 0.00	64.20 -6.54 0.00	75.76 -7.40 0.00	94.10 -9.97 0.00	77.86 -8.96 0.00	50.65 -6.77 0.00	52.29 -7.81 0.00	44.73 -6.20 0.00	42.86 -5.10 0.00	40.24 -3.72 0.00
GOETHSLN___LBMP 323567	50.32 1.10 0.00	51.36 0.89 0.00	50.26 0.97 0.00	52.70 1.24 0.00	41.85 1.25 0.00	56.95 1.84 0.00	68.49 2.11 0.00	73.76 2.88 0.00	50.44 2.37 -0.32	209.12 1.89 -164.08	60.56 2.06 -12.01	97.62 2.23 -42.87	60.44 2.73 0.00	59.81 2.90 0.00	65.17 3.20 0.00	74.46 3.72 0.00	87.31 4.14 0.00	109.46 5.40 0.00	91.38 4.56 0.00	60.71 3.29 0.00	63.66 3.56 0.00	53.87 2.94 0.00	51.04 2.66 -0.42	46.24 2.28 0.00
GOLAH___69_KV_TB 1_2 80279	47.54 -1.68 0.00	48.39 -2.09 0.00	47.11 -2.18 0.00	49.26 -2.20 0.00	39.05 -1.56 0.00	52.99 -2.13 0.00	63.55 -2.83 0.00	67.48 -3.41 0.00	45.71 -2.04 0.00	41.81 -1.35 0.00	45.04 -1.45 0.00	50.88 -1.64 0.00	56.06 -1.65 0.00	55.21 -1.71 0.00	59.98 -1.99 0.00	68.52 -2.22 0.00	80.95 -2.21 0.00	101.01 -3.05 0.00	83.84 -2.98 0.00	54.84 -2.57 0.00	56.82 -3.29 0.00	48.23 -2.71 0.00	45.69 -2.27 0.00	42.29 -1.67 0.00

GOODYEAR_LAKE_HYD 323669	50.61 1.39 0.00	51.77 1.30 0.00	50.53 1.24 0.00	52.83 1.38 0.00	41.82 1.22 0.00	56.94 1.82 0.00	68.67 2.29 0.00	73.32 2.44 0.00	49.39 1.67 0.03	28.19 1.58 16.56	47.00 1.72 1.21	50.31 1.88 4.10	59.79 2.09 0.00	58.99 2.08 0.00	64.18 2.22 0.00	73.33 2.58 0.00	86.35 3.18 0.00	108.27 4.21 0.00	90.23 3.41 0.00	59.69 2.27 0.00	62.33 2.23 0.00	52.72 1.79 0.00	49.46 1.51 0.00	45.30 1.34 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	48.87 -0.35 0.00	50.07 -0.40 0.00	48.76 -0.53 0.00	51.05 -0.41 0.00	40.31 -0.29 0.00	54.72 -0.40 0.00	65.97 -0.41 0.00	70.27 -0.61 0.00	47.31 -0.40 0.04	23.37 -0.09 19.70	44.82 -0.23 1.44	47.32 -0.33 4.87	57.55 -0.15 0.00	56.68 -0.23 0.00	61.72 -0.25 0.00	70.58 -0.17 0.00	83.01 -0.15 0.00	103.83 -0.24 0.00	86.82 0.01 0.00	57.37 -0.05 0.00	59.71 -0.39 0.00	50.59 -0.34 0.00	47.64 -0.28 0.04	43.79 -0.17 0.00
GOUDEY___7 23579	48.87 -0.35 0.00	50.07 -0.40 0.00	48.76 -0.53 0.00	51.05 -0.41 0.00	40.31 -0.29 0.00	54.72 -0.40 0.00	65.97 -0.41 0.00	70.27 -0.61 0.00	47.31 -0.40 0.04	23.37 -0.09 19.70	44.82 -0.23 1.44	47.32 -0.33 4.87	57.55 -0.15 0.00	56.68 -0.23 0.00	61.72 -0.25 0.00	70.58 -0.17 0.00	83.01 -0.15 0.00	103.83 -0.24 0.00	86.82 0.01 0.00	57.37 -0.05 0.00	59.71 -0.39 0.00	50.59 -0.34 0.00	47.64 -0.28 0.04	43.79 -0.17 0.00
GOUDEY___8 23580	48.87 -0.35 0.00	50.07 -0.40 0.00	48.76 -0.53 0.00	51.05 -0.41 0.00	40.31 -0.29 0.00	54.72 -0.40 0.00	65.97 -0.41 0.00	70.27 -0.61 0.00	47.31 -0.40 0.04	23.37 -0.09 19.70	44.82 -0.23 1.44	47.32 -0.33 4.87	57.55 -0.15 0.00	56.68 -0.23 0.00	61.72 -0.25 0.00	70.58 -0.17 0.00	83.01 -0.15 0.00	103.83 -0.24 0.00	86.82 0.01 0.00	57.37 -0.05 0.00	59.71 -0.39 0.00	50.59 -0.34 0.00	47.64 -0.28 0.04	43.79 -0.17 0.00
GOWANUS_GT1_1 24077	50.98 1.76 0.00	52.00 1.53 0.00	50.88 1.60 0.00	53.35 1.89 0.00	42.33 1.72 0.00	57.65 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.09 3.38 0.00	60.41 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.18 5.02 0.00	110.59 6.52 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.53 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GOWANUS_GT1_2 24078	50.98 1.76 0.00	52.00 1.53 0.00	50.88 1.60 0.00	53.35 1.89 0.00	42.33 1.72 0.00	57.65 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.09 3.38 0.00	60.41 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.18 5.02 0.00	110.59 6.52 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.53 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GOWANUS_GT1_3 24079	50.98 1.76 0.00	52.00 1.53 0.00	50.88 1.60 0.00	53.35 1.89 0.00	42.33 1.72 0.00	57.65 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.09 3.38 0.00	60.41 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.18 5.02 0.00	110.59 6.52 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.53 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GOWANUS_GT1_4 24080	50.98 1.76 0.00	52.00 1.53 0.00	50.88 1.60 0.00	53.35 1.89 0.00	42.33 1.72 0.00	57.65 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.09 3.38 0.00	60.41 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.18 5.02 0.00	110.59 6.52 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.53 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GOWANUS_GT1_5 24084	50.98 1.76 0.00	52.00 1.53 0.00	50.88 1.60 0.00	53.35 1.89 0.00	42.33 1.72 0.00	57.65 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.09 3.38 0.00	60.41 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.18 5.02 0.00	110.59 6.52 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.53 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GOWANUS_GT1_6 24111	50.98 1.76 0.00	52.00 1.53 0.00	50.88 1.60 0.00	53.35 1.89 0.00	42.33 1.72 0.00	57.65 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.09 3.38 0.00	60.41 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.18 5.02 0.00	110.59 6.52 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.53 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GOWANUS_GT1_7 24112	50.98 1.76 0.00	52.00 1.53 0.00	50.88 1.60 0.00	53.35 1.89 0.00	42.33 1.72 0.00	57.65 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.09 3.38 0.00	60.41 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.18 5.02 0.00	110.59 6.52 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.53 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GOWANUS_GT1_8 24113	50.98 1.76 0.00	52.00 1.53 0.00	50.88 1.60 0.00	53.35 1.89 0.00	42.33 1.72 0.00	57.65 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.09 3.38 0.00	60.41 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.18 5.02 0.00	110.59 6.52 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.53 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GOWANUS_GT2_1 24114	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.86 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.34 -164.00	61.09 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.17 4.42 0.00	88.13 4.97 0.00	110.55 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.70 2.73 0.00
GOWANUS_GT2_2 24115	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.86 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.34 -164.00	61.09 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.17 4.42 0.00	88.13 4.97 0.00	110.55 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.70 2.73 0.00
GOWANUS_GT2_3 24116	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.86 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.34 -164.00	61.09 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.17 4.42 0.00	88.13 4.97 0.00	110.55 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.70 2.73 0.00

GOWANUS_GT2_4 24117	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.86 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.34 -164.00	61.09 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.17 4.42 0.00	88.13 4.97 0.00	110.55 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.70 2.73 0.00
GOWANUS_GT2_5 24118	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.86 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.34 -164.00	61.09 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.17 4.42 0.00	88.13 4.97 0.00	110.55 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.70 2.73 0.00
GOWANUS_GT2_6 24119	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.86 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.34 -164.00	61.09 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.17 4.42 0.00	88.13 4.97 0.00	110.55 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.70 2.73 0.00
GOWANUS_GT2_7 24120	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.86 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.34 -164.00	61.09 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.17 4.42 0.00	88.13 4.97 0.00	110.55 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.70 2.73 0.00
GOWANUS_GT2_8 24121	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.86 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.34 -164.00	61.09 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.17 4.42 0.00	88.13 4.97 0.00	110.55 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.70 2.73 0.00
GOWANUS_GT3_1 24122	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GOWANUS_GT3_2 24123	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GOWANUS_GT3_3 24124	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GOWANUS_GT3_4 24125	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GOWANUS_GT3_5 24126	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GOWANUS_GT3_6 24127	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GOWANUS_GT3_7 24128	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GOWANUS_GT3_8 24129	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GOWANUS_GT4_1 24130	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.87 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.35 -164.00	61.10 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.16 4.42 0.00	88.13 4.97 0.00	110.54 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.69 2.73 0.00
GOWANUS_GT4_2 24131	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.87 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.35 -164.00	61.10 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.16 4.42 0.00	88.13 4.97 0.00	110.54 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.69 2.73 0.00

GOWANUS_GT4_3 24132	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.87 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.35 -164.00	61.10 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.16 4.42 0.00	88.13 4.97 0.00	110.54 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.69 2.73 0.00
GOWANUS_GT4_4 24133	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.87 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.35 -164.00	61.10 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.16 4.42 0.00	88.13 4.97 0.00	110.54 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.69 2.73 0.00
GOWANUS_GT4_5 24134	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.87 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.35 -164.00	61.10 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.16 4.42 0.00	88.13 4.97 0.00	110.54 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.69 2.73 0.00
GOWANUS_GT4_6 24135	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.87 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.35 -164.00	61.10 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.16 4.42 0.00	88.13 4.97 0.00	110.54 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.69 2.73 0.00
GOWANUS_GT4_7 24136	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.87 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.35 -164.00	61.10 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.16 4.42 0.00	88.13 4.97 0.00	110.54 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.69 2.73 0.00
GOWANUS_GT4_8 24137	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.87 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.35 -164.00	61.10 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.16 4.42 0.00	88.13 4.97 0.00	110.54 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.69 2.73 0.00
GREENBSH_115KV_TB3 55895	50.33 1.11 0.00	51.53 1.06 0.00	50.39 1.11 0.00	52.59 1.13 0.00	41.29 0.69 0.00	55.65 0.53 0.00	67.04 0.66 0.00	71.82 0.94 0.00	48.64 0.82 -0.07	81.53 0.59 -37.78	49.84 0.58 -2.77	62.60 0.73 -9.36	58.42 0.72 0.00	57.83 0.92 0.00	63.08 1.11 0.00	72.13 1.39 0.00	84.52 1.36 0.00	105.93 1.86 0.00	88.52 1.70 0.00	58.63 1.21 0.00	61.38 1.28 0.00	52.01 1.08 0.00	49.23 1.18 -0.09	44.93 0.96 0.00
GREENIDGE_115KV_TB5 80291	48.45 -0.77 0.00	49.41 -1.06 0.00	48.04 -1.25 0.00	50.25 -1.21 0.00	39.98 -0.62 0.00	53.95 -1.17 0.00	65.09 -1.30 0.00	69.24 -1.64 0.00	46.73 -1.02 0.00	42.64 -0.53 0.00	45.74 -0.75 0.00	51.24 -1.28 0.00	56.49 -1.22 0.00	55.70 -1.22 0.00	60.68 -1.29 0.00	69.52 -1.22 0.00	82.08 -1.08 0.00	102.32 -1.74 0.00	85.42 -1.40 0.00	56.14 -1.28 0.00	58.22 -1.88 0.00	49.50 -1.43 0.00	46.76 -1.20 0.00	42.98 -0.98 0.00
GREENIDGE___3 23582	48.45 -0.77 0.00	49.41 -1.06 0.00	48.04 -1.25 0.00	50.25 -1.21 0.00	39.98 -0.62 0.00	53.95 -1.17 0.00	65.09 -1.30 0.00	69.24 -1.64 0.00	46.73 -1.02 0.00	42.64 -0.53 0.00	45.74 -0.75 0.00	51.24 -1.28 0.00	56.49 -1.22 0.00	55.70 -1.22 0.00	60.68 -1.29 0.00	69.52 -1.22 0.00	82.08 -1.08 0.00	102.32 -1.74 0.00	85.42 -1.40 0.00	56.14 -1.28 0.00	58.22 -1.88 0.00	49.50 -1.43 0.00	46.76 -1.20 0.00	42.98 -0.98 0.00
GREENIDGE___4 23583	48.45 -0.77 0.00	49.40 -1.07 0.00	48.04 -1.25 0.00	50.25 -1.21 0.00	39.99 -0.61 0.00	53.96 -1.16 0.00	65.08 -1.30 0.00	69.24 -1.64 0.00	46.72 -1.03 0.00	42.63 -0.53 0.00	45.74 -0.75 0.00	51.24 -1.28 0.00	56.49 -1.21 0.00	55.70 -1.22 0.00	60.68 -1.29 0.00	69.52 -1.22 0.00	82.09 -1.08 0.00	104.46 -1.75 -2.15	85.42 -1.40 0.00	56.15 -1.27 0.00	58.23 -1.87 0.00	49.51 -1.43 0.00	46.76 -1.20 0.00	42.98 -0.98 0.00
GREENLWN_69_KV_BK 3 55738	51.44 2.22 0.00	52.26 1.79 0.00	51.14 1.85 0.00	53.70 2.25 0.00	42.68 2.08 0.00	58.22 3.10 0.00	70.10 3.72 0.00	75.05 4.16 0.00	51.34 3.27 -0.32	209.37 2.46 -163.75	61.52 3.05 -11.99	98.36 3.07 -42.77	61.27 3.57 0.00	60.35 3.44 0.00	66.14 4.17 0.00	75.68 4.94 0.00	88.55 5.39 0.00	111.34 7.28 0.00	93.21 6.39 0.00	67.19 4.64 -5.12	64.82 4.71 0.00	54.92 3.99 0.00	51.75 3.37 -0.42	46.86 2.89 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	50.98 1.76 0.00	52.00 1.53 0.00	50.88 1.60 0.00	53.35 1.89 0.00	42.33 1.72 0.00	57.65 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.09 3.38 0.00	60.41 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.18 5.02 0.00	110.59 6.52 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.53 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
GRISSOM___SOLAR 323813	51.72 2.50 0.00	52.94 2.47 0.00	51.70 2.41 0.00	53.97 2.52 0.00	42.73 2.13 0.00	58.30 3.19 0.00	70.40 4.02 0.00	75.26 4.38 0.00	50.33 2.53 -0.05	72.23 1.69 -27.39	50.49 2.00 -2.01	62.17 2.87 -6.78	61.13 3.43 0.00	60.36 3.44 0.00	65.60 3.64 0.00	75.04 4.30 0.00	88.39 5.23 0.00	110.83 6.76 0.00	92.46 5.64 0.00	61.13 3.71 0.00	63.86 3.75 0.00	53.97 3.03 0.00	50.61 2.58 -0.07	46.19 2.23 0.00
GROVEVILLE___HYD 323602	51.26 2.04 0.00	52.33 1.86 0.00	51.17 1.88 0.00	53.61 2.15 0.00	42.51 1.90 0.00	57.91 2.79 0.00	69.91 3.52 0.00	75.10 4.21 0.00	50.90 3.11 -0.05	70.39 2.65 -24.59	51.19 2.90 -1.80	61.98 3.18 -6.28	61.28 3.58 0.00	60.68 3.76 0.00	66.14 4.17 0.00	75.61 4.87 0.00	88.75 5.59 0.00	111.31 7.25 0.00	92.90 6.08 0.00	61.63 4.21 0.00	64.46 4.36 0.00	54.49 3.56 0.00	51.11 3.09 -0.06	46.59 2.63 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	48.39 -0.83 0.00	49.52 -0.96 0.00	48.28 -1.01 0.00	50.51 -0.94 0.00	39.97 -0.63 0.00	54.32 -0.79 0.00	65.57 -0.81 0.00	69.96 -0.92 0.00	47.17 -0.58 0.00	42.77 -0.38 0.00	46.04 -0.45 0.00	51.96 -0.56 0.00	57.17 -0.53 0.00	56.41 -0.50 0.00	61.36 -0.61 0.00	70.09 -0.66 0.00	82.41 -0.75 0.00	103.11 -0.96 0.00	86.02 -0.80 0.00	56.80 -0.62 0.00	59.27 -0.84 0.00	50.19 -0.75 0.00	47.24 -0.72 0.00	43.30 -0.67 0.00

HAMLTNNY_34_KV_TB 80303	48.43 -0.79 0.00	49.53 -0.95 0.00	48.25 -1.04 0.00	50.53 -0.93 0.00	39.99 -0.61 0.00	54.36 -0.76 0.00	65.59 -0.80 0.00	69.91 -0.97 0.00	47.19 -0.56 0.00	42.83 -0.33 0.00	46.09 -0.40 0.00	52.01 -0.50 0.00	57.23 -0.47 0.00	56.47 -0.44 0.00	61.39 -0.58 0.00	70.28 -0.47 0.00	85.05 1.89 0.00	106.27 2.21 0.00	88.32 1.51 0.00	57.76 0.35 0.00	59.88 -0.23 0.00	50.57 -0.36 0.00	47.26 -0.70 0.00	43.35 -0.62 0.00
HAMPSHIRE___PAPER_HYD 323593	50.36 1.14 0.00	51.65 1.18 0.00	50.40 1.11 0.00	52.43 0.97 0.00	41.10 0.50 0.00	55.43 0.31 0.00	66.40 0.02 0.00	71.09 0.21 0.00	48.12 0.37 0.00	43.00 -0.16 0.00	46.48 -0.01 0.00	52.29 -0.23 0.00	57.29 -0.41 0.00	56.41 -0.50 0.00	59.89 -2.08 0.00	67.57 -3.18 0.00	79.43 -3.73 0.00	100.00 -4.06 0.00	83.92 -2.89 0.00	55.62 -1.80 0.00	57.99 -2.12 0.00	49.22 -1.71 0.00	46.22 -1.74 0.00	43.04 -0.92 0.00
HARDSCRABBLE_WT_PWR 323673	49.63 0.41 0.00	50.84 0.37 0.00	49.70 0.41 0.00	52.00 0.54 0.00	41.06 0.46 0.00	55.57 0.46 0.00	67.04 0.65 0.00	71.27 0.39 0.00	47.67 -0.08 0.00	42.66 -0.50 0.00	46.05 -0.44 0.00	52.42 -0.10 0.00	57.48 -0.22 0.00	56.88 -0.03 0.00	61.98 0.01 0.00	70.87 0.13 0.00	82.95 -0.21 0.00	104.01 -0.05 0.00	87.25 0.43 0.00	58.12 0.71 0.00	60.79 0.68 0.00	51.53 0.60 0.00	48.32 0.36 0.00	44.00 0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	50.63 1.41 0.00	51.69 1.22 0.00	50.54 1.25 0.00	52.97 1.51 0.00	41.99 1.39 0.00	57.21 2.09 0.00	69.09 2.71 0.00	74.19 3.31 0.00	49.68 2.39 0.46	-222.37 2.04 267.58	29.11 2.23 19.60	-6.87 2.37 61.76	60.41 2.70 0.00	59.76 2.85 0.00	65.14 3.17 0.00	74.42 3.67 0.00	87.36 4.20 0.00	109.55 5.49 0.00	91.39 4.57 0.00	60.65 3.23 0.00	63.49 3.39 0.00	53.66 2.73 0.00	49.65 2.31 0.62	45.91 1.95 0.00
HARSNRAD_115KV_TB1 81005	46.48 -2.74 0.00	47.19 -3.29 0.00	45.85 -3.43 0.00	47.91 -3.55 0.00	37.99 -2.61 0.00	51.39 -3.72 0.00	61.00 -5.39 0.00	64.39 -6.49 0.00	43.82 -3.93 0.00	40.33 -2.83 0.00	43.34 -3.15 0.00	48.82 -3.70 0.00	53.97 -3.74 0.00	53.01 -3.90 0.00	57.56 -4.41 0.00	65.97 -4.78 0.00	77.87 -5.29 0.00	96.90 -7.16 0.00	80.22 -6.60 0.00	52.18 -5.24 0.00	53.87 -6.23 0.00	46.03 -4.90 0.00	44.09 -3.87 0.00	41.17 -2.79 0.00
HARZA MOOSE___RIVER 24016	50.37 1.15 0.00	51.61 1.14 0.00	50.39 1.10 0.00	52.57 1.11 0.00	41.45 0.85 0.00	56.43 1.32 0.00	68.18 1.80 0.00	72.96 2.07 0.00	49.06 1.31 0.00	43.91 0.75 0.00	47.11 0.62 0.00	52.97 0.46 0.00	58.24 0.53 0.00	57.43 0.51 0.00	62.04 0.07 0.00	70.62 -0.13 0.00	83.18 0.02 0.00	104.44 0.37 0.00	87.55 0.73 0.00	58.07 0.65 0.00	60.58 0.48 0.00	51.16 0.22 0.00	47.86 -0.10 0.00	43.85 -0.11 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	47.97 -1.25 0.00	49.08 -1.39 0.00	47.88 -1.41 0.00	50.08 -1.38 0.00	39.64 -0.97 0.00	53.87 -1.24 0.00	64.98 -1.41 0.00	69.38 -1.51 0.00	46.79 -0.96 0.00	42.43 -0.73 0.00	45.67 -0.82 0.00	51.55 -0.97 0.00	56.72 -0.98 0.00	55.96 -0.95 0.00	60.91 -1.06 0.00	69.58 -1.16 0.00	81.78 -1.38 0.00	102.29 -1.77 0.00	85.32 -1.50 0.00	56.34 -1.08 0.00	58.77 -1.34 0.00	49.76 -1.17 0.00	46.85 -1.11 0.00	42.96 -1.00 0.00
HELLGATE_13_KV_LD 55870	50.69 1.47 0.00	51.72 1.25 0.00	50.62 1.34 0.00	53.07 1.61 0.00	42.10 1.49 0.00	57.33 2.21 0.00	68.97 2.58 0.00	74.17 3.29 0.00	50.74 2.68 -0.32	209.33 2.18 -164.00	60.90 2.41 -12.00	97.98 2.63 -42.84	60.83 3.13 0.00	60.15 3.24 0.00	65.55 3.58 0.00	74.92 4.18 0.00	87.82 4.65 0.00	110.14 6.07 0.00	91.90 5.09 0.00	61.12 3.71 0.00	64.04 3.94 0.00	54.19 3.25 0.00	51.28 2.90 -0.42	46.43 2.47 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	50.69 1.47 0.00	51.72 1.25 0.00	50.62 1.34 0.00	53.07 1.61 0.00	42.10 1.49 0.00	57.33 2.21 0.00	68.97 2.58 0.00	74.17 3.29 0.00	50.74 2.68 -0.32	209.33 2.18 -164.00	60.90 2.41 -12.00	97.98 2.63 -42.84	60.83 3.13 0.00	60.15 3.24 0.00	65.55 3.58 0.00	74.92 4.18 0.00	87.82 4.65 0.00	110.14 6.07 0.00	91.90 5.09 0.00	61.12 3.71 0.00	64.04 3.94 0.00	54.19 3.25 0.00	51.28 2.90 -0.42	46.43 2.47 0.00
HEMPSTEAD____ 23647	51.12 1.90 0.00	51.98 1.51 0.00	50.85 1.56 0.00	53.38 1.92 0.00	42.41 1.81 0.00	57.81 2.69 0.00	69.58 3.20 0.00	74.57 3.69 0.00	50.95 2.89 -0.32	209.13 2.22 -163.75	61.21 2.73 -11.99	98.06 2.78 -42.77	60.93 3.22 0.00	60.15 3.23 0.00	65.76 3.79 0.00	75.19 4.45 0.00	88.06 4.90 0.00	110.69 6.63 0.00	92.55 5.73 0.00	66.72 4.18 -5.12	64.37 4.26 0.00	54.55 3.61 0.00	51.44 3.05 -0.42	46.60 2.64 0.00
HEWLETT_69_KV_BK3 55828	51.52 2.30 0.00	52.36 1.89 0.00	51.23 1.94 0.00	53.77 2.31 0.00	42.70 2.10 0.00	58.28 3.16 0.00	70.25 3.86 0.00	75.19 4.31 0.00	51.39 3.32 -0.32	209.52 2.62 -163.75	61.72 3.24 -11.99	98.58 3.30 -42.77	61.54 3.83 0.00	60.79 3.88 0.00	66.43 4.47 0.00	75.96 5.22 0.00	88.79 5.63 0.00	111.61 7.54 0.00	93.57 6.75 0.00	67.36 4.82 -5.12	65.00 4.89 0.00	55.01 4.08 0.00	51.84 3.46 -0.42	46.98 3.02 0.00
HICKLING___1 23621	48.58 -0.64 0.00	49.71 -0.77 0.00	48.23 -1.06 0.00	50.45 -1.01 0.00	39.81 -0.79 0.00	54.00 -1.12 0.00	65.03 -1.35 0.00	69.12 -1.76 0.00	46.41 -1.31 0.03	30.48 -0.72 11.96	45.41 -1.08 0.00	47.44 -1.43 3.65	56.53 -1.18 0.00	55.65 -1.26 0.00	60.66 -1.30 0.00	69.59 -1.16 0.00	82.04 -1.12 0.00	102.42 -1.65 0.00	85.70 -1.11 0.00	56.36 -1.06 0.00	58.34 -1.76 0.00	49.60 -1.33 0.00	46.86 -1.10 0.00	43.16 -0.81 0.00
HICKLING___2 23622	48.58 -0.64 0.00	49.71 -0.77 0.00	48.23 -1.06 0.00	50.45 -1.01 0.00	39.81 -0.79 0.00	54.00 -1.12 0.00	65.03 -1.35 0.00	69.12 -1.76 0.00	46.41 -1.31 0.03	30.48 -0.72 11.96	45.41 -1.08 0.00	47.44 -1.43 3.65	56.53 -1.18 0.00	55.65 -1.26 0.00	60.66 -1.30 0.00	69.59 -1.16 0.00	82.04 -1.12 0.00	102.42 -1.65 0.00	85.70 -1.11 0.00	56.36 -1.06 0.00	58.34 -1.76 0.00	49.60 -1.33 0.00	46.86 -1.10 0.00	43.16 -0.81 0.00
HIGH FALLS___HY 23754	51.72 2.51 0.00	52.77 2.30 0.00	51.58 2.29 0.00	54.09 2.63 0.00	42.97 2.36 0.00	58.72 3.60 0.00	71.01 4.63 0.00	76.38 5.49 0.00	51.55 3.86 0.06	15.10 3.38 31.45	47.92 3.73 2.30	48.89 4.05 7.68	62.31 4.60 0.00	61.66 4.75 0.00	67.21 5.24 0.00	76.84 6.09 0.00	90.36 7.20 0.00	113.32 9.25 0.00	94.50 7.68 0.00	62.67 5.25 0.00	65.50 5.39 0.00	55.27 4.34 0.00	51.56 3.69 0.08	47.11 3.15 0.00
HIGH_RIVER___SOLAR 323847	50.81 1.59 0.00	52.02 1.55 0.00	50.82 1.53 0.00	53.09 1.64 0.00	41.99 1.39 0.00	57.11 1.99 0.00	68.87 2.49 0.00	73.64 2.75 0.00	49.50 1.69 -0.06	75.23 1.13 -30.94	49.94 1.19 -2.27	61.98 1.79 -7.66	59.83 2.12 0.00	59.14 2.22 0.00	64.39 2.42 0.00	73.63 2.89 0.00	86.56 3.40 0.00	108.44 4.38 0.00	90.55 3.73 0.00	59.92 2.50 0.00	62.62 2.52 0.00	52.99 2.05 0.00	49.80 1.76 -0.08	45.49 1.53 0.00

HILLBURN___GT 23639	50.41 1.19 0.00	51.47 1.00 0.00	50.34 1.05 0.00	52.76 1.30 0.00	41.84 1.24 0.00	57.02 1.91 0.00	68.96 2.58 0.00	74.09 3.20 0.00	49.65 2.39 0.49	-262.15 2.01 307.32	26.18 2.22 22.53	-11.09 2.32 65.92	60.37 2.66 0.00	59.72 2.81 0.00	65.12 3.15 0.00	74.37 3.63 0.00	87.23 4.07 0.00	109.42 5.36 0.00	91.32 4.51 0.00	60.62 3.20 0.00	63.49 3.39 0.00	53.67 2.73 0.00	49.62 2.32 0.66	45.92 1.96 0.00
HILLSIDE_115KV_TB1 80332	47.98 -1.24 0.00	49.21 -1.26 0.00	47.77 -1.52 0.00	50.05 -1.41 0.00	39.47 -1.13 0.00	53.55 -1.56 0.00	64.56 -1.83 0.00	68.63 -2.25 0.00	46.14 -1.58 0.03	26.78 -0.97 15.41	44.03 -1.34 1.12	47.06 -1.68 3.79	56.24 -1.46 0.00	55.32 -1.59 0.00	60.28 -1.69 0.00	69.06 -1.69 0.00	81.32 -1.85 0.00	101.48 -2.58 0.00	85.03 -1.79 0.00	56.04 -1.38 0.00	58.08 -2.03 0.00	49.30 -1.63 0.00	46.58 -1.37 0.00	42.88 -1.08 0.00
HISHELDN_WT_PWR 323625	47.38 -1.84 0.00	48.05 -2.43 0.00	46.67 -2.61 0.00	48.76 -2.70 0.00	38.54 -2.06 0.00	52.12 -3.00 0.00	62.13 -4.25 0.00	65.52 -5.37 0.00	44.24 -3.50 0.00	40.68 -2.48 0.00	43.51 -2.98 0.00	48.92 -3.59 0.00	54.10 -3.60 0.00	53.23 -3.68 0.00	57.97 -4.00 0.00	66.59 -4.15 0.00	78.51 -4.65 0.00	94.96 -6.27 2.83	81.11 -5.70 0.00	52.71 -4.70 0.00	54.68 -5.42 0.00	46.63 -4.30 0.00	44.41 -3.55 0.00	41.39 -2.57 0.00
HOLTSVILLE_IC_1 23690	51.63 2.41 0.00	52.44 1.97 0.00	51.30 2.01 0.00	53.90 2.44 0.00	42.88 2.28 0.00	58.51 3.39 0.00	70.46 4.08 0.00	75.40 4.52 0.00	51.58 3.52 -0.32	209.49 2.59 -163.75	61.70 3.22 -11.99	98.58 3.30 -42.77	61.52 3.82 0.00	60.56 3.65 0.00	66.41 4.44 0.00	75.95 5.21 0.00	88.85 5.69 0.00	111.77 7.70 0.00	93.68 6.86 0.00	67.54 5.00 -5.12	65.11 5.00 0.00	55.18 4.24 0.00	52.02 3.64 -0.42	47.03 3.07 0.00
HOLTSVILLE_IC_10 23699	51.91 2.69 0.00	52.69 2.22 0.00	51.54 2.26 0.00	54.16 2.70 0.00	43.09 2.49 0.00	58.83 3.71 0.00	70.89 4.50 0.00	75.88 4.99 0.00	51.89 3.83 -0.32	209.76 2.85 -163.75	61.97 3.49 -11.99	98.93 3.65 -42.77	61.93 4.22 0.00	60.97 4.06 0.00	66.89 4.92 0.00	76.49 5.74 0.00	89.47 6.31 0.00	112.59 8.52 0.00	94.40 7.58 0.00	67.99 5.45 -5.12	65.57 5.46 0.00	55.54 4.60 0.00	52.32 3.94 -0.42	47.28 3.31 0.00
HOLTSVILLE_IC_2 23691	51.63 2.41 0.00	52.44 1.97 0.00	51.30 2.01 0.00	53.90 2.44 0.00	42.88 2.28 0.00	58.51 3.39 0.00	70.46 4.08 0.00	75.40 4.52 0.00	51.58 3.52 -0.32	209.49 2.59 -163.75	61.70 3.22 -11.99	98.58 3.30 -42.77	61.52 3.82 0.00	60.56 3.65 0.00	66.41 4.44 0.00	75.95 5.21 0.00	88.85 5.69 0.00	111.77 7.70 0.00	93.68 6.86 0.00	67.54 5.00 -5.12	65.11 5.00 0.00	55.18 4.24 0.00	52.02 3.64 -0.42	47.03 3.07 0.00
HOLTSVILLE_IC_3 23692	51.63 2.41 0.00	52.44 1.97 0.00	51.30 2.01 0.00	53.90 2.44 0.00	42.88 2.28 0.00	58.51 3.39 0.00	70.46 4.08 0.00	75.40 4.52 0.00	51.58 3.52 -0.32	209.49 2.59 -163.75	61.70 3.22 -11.99	98.58 3.30 -42.77	61.52 3.82 0.00	60.56 3.65 0.00	66.41 4.44 0.00	75.95 5.21 0.00	88.85 5.69 0.00	111.77 7.70 0.00	93.68 6.86 0.00	67.54 5.00 -5.12	65.11 5.00 0.00	55.18 4.24 0.00	52.02 3.64 -0.42	47.03 3.07 0.00
HOLTSVILLE_IC_4 23693	51.63 2.41 0.00	52.44 1.97 0.00	51.30 2.01 0.00	53.90 2.44 0.00	42.88 2.28 0.00	58.51 3.39 0.00	70.46 4.08 0.00	75.40 4.52 0.00	51.58 3.52 -0.32	209.49 2.59 -163.75	61.70 3.22 -11.99	98.58 3.30 -42.77	61.52 3.82 0.00	60.56 3.65 0.00	66.41 4.44 0.00	75.95 5.21 0.00	88.85 5.69 0.00	111.77 7.70 0.00	93.68 6.86 0.00	67.54 5.00 -5.12	65.11 5.00 0.00	55.18 4.24 0.00	52.02 3.64 -0.42	47.03 3.07 0.00
HOLTSVILLE_IC_5 23694	51.63 2.41 0.00	52.44 1.97 0.00	51.30 2.01 0.00	53.90 2.44 0.00	42.88 2.28 0.00	58.51 3.39 0.00	70.46 4.08 0.00	75.40 4.52 0.00	51.58 3.52 -0.32	209.49 2.59 -163.75	61.70 3.22 -11.99	98.58 3.30 -42.77	61.52 3.82 0.00	60.56 3.65 0.00	66.41 4.44 0.00	75.95 5.21 0.00	88.85 5.69 0.00	111.77 7.70 0.00	93.68 6.86 0.00	67.54 5.00 -5.12	65.11 5.00 0.00	55.18 4.24 0.00	52.02 3.64 -0.42	47.03 3.07 0.00
HOLTSVILLE_IC_6 23695	51.91 2.69 0.00	52.69 2.22 0.00	51.54 2.26 0.00	54.16 2.70 0.00	43.09 2.49 0.00	58.83 3.71 0.00	70.89 4.50 0.00	75.88 4.99 0.00	51.89 3.83 -0.32	209.76 2.85 -163.75	61.97 3.49 -11.99	98.93 3.65 -42.77	61.93 4.22 0.00	60.97 4.06 0.00	66.89 4.92 0.00	76.49 5.74 0.00	89.47 6.31 0.00	112.59 8.52 0.00	94.40 7.58 0.00	67.99 5.45 -5.12	65.57 5.46 0.00	55.54 4.60 0.00	52.32 3.94 -0.42	47.28 3.31 0.00
HOLTSVILLE_IC_7 23696	51.91 2.69 0.00	52.69 2.22 0.00	51.54 2.26 0.00	54.16 2.70 0.00	43.09 2.49 0.00	58.83 3.71 0.00	70.89 4.50 0.00	75.88 4.99 0.00	51.89 3.83 -0.32	209.76 2.85 -163.75	61.97 3.49 -11.99	98.93 3.65 -42.77	61.93 4.22 0.00	60.97 4.06 0.00	66.89 4.92 0.00	76.49 5.74 0.00	89.47 6.31 0.00	112.59 8.52 0.00	94.40 7.58 0.00	67.99 5.45 -5.12	65.57 5.46 0.00	55.54 4.60 0.00	52.32 3.94 -0.42	47.28 3.31 0.00
HOLTSVILLE_IC_8 23697	51.91 2.69 0.00	52.69 2.22 0.00	51.54 2.26 0.00	54.16 2.70 0.00	43.09 2.49 0.00	58.83 3.71 0.00	70.89 4.50 0.00	75.88 4.99 0.00	51.89 3.83 -0.32	209.76 2.85 -163.75	61.97 3.49 -11.99	98.93 3.65 -42.77	61.93 4.22 0.00	60.97 4.06 0.00	66.89 4.92 0.00	76.49 5.74 0.00	89.47 6.31 0.00	112.59 8.52 0.00	94.40 7.58 0.00	67.99 5.45 -5.12	65.57 5.46 0.00	55.54 4.60 0.00	52.32 3.94 -0.42	47.28 3.31 0.00
HOLTSVILLE_IC_9 23698	51.91 2.69 0.00	52.69 2.22 0.00	51.54 2.26 0.00	54.16 2.70 0.00	43.09 2.49 0.00	58.83 3.71 0.00	70.89 4.50 0.00	75.88 4.99 0.00	51.89 3.83 -0.32	209.76 2.85 -163.75	61.97 3.49 -11.99	98.93 3.65 -42.77	61.93 4.22 0.00	60.97 4.06 0.00	66.89 4.92 0.00	76.49 5.74 0.00	89.47 6.31 0.00	112.59 8.52 0.00	94.40 7.58 0.00	67.99 5.45 -5.12	65.57 5.46 0.00	55.54 4.60 0.00	52.32 3.94 -0.42	47.28 3.31 0.00
HOMER_HL_115KV_TB2 355744	48.97 -0.25 0.00	49.72 -0.76 0.00	48.52 -0.77 0.00	50.85 -0.61 0.00	40.33 -0.27 0.00	54.42 -0.70 0.00	64.55 -1.84 0.00	68.31 -2.57 0.00	46.28 -1.46 0.00	42.56 -0.60 0.00	45.92 -0.58 0.00	51.61 -0.91 0.00	57.14 -0.57 0.00	56.15 -0.77 0.00	60.88 -1.09 0.00	69.46 -1.29 0.00	81.43 -1.73 0.00	101.33 -2.73 0.00	84.44 -2.38 0.00	55.25 -2.17 0.00	57.38 -2.73 0.00	48.74 -2.19 0.00	46.17 -1.79 0.00	43.25 -0.72 0.00
HOWARD_WT_PWR 323690	48.75 -0.47 0.00	49.27 -1.20 0.00	47.96 -1.33 0.00	49.83 -1.63 0.00	38.99 -1.62 0.00	52.53 -2.59 0.00	62.91 -3.47 0.00	66.87 -4.01 0.00	44.63 -3.11 0.00	40.65 -2.51 0.00	43.26 -3.23 0.00	48.40 -4.11 0.00	53.90 -3.81 0.00	53.42 -3.49 0.00	58.71 -3.26 0.00	67.84 -2.91 0.00	80.56 -2.60 0.00	100.76 -3.31 0.00	83.81 -3.01 0.00	54.49 -2.93 0.00	56.61 -3.50 0.00	48.72 -2.22 0.00	46.06 -1.90 0.00	42.24 -1.72 0.00

HQ_GEN_CEDARS 23644	50.72 1.50 0.00	52.19 1.72 0.00	50.93 1.64 0.00	52.90 1.44 0.00	41.48 0.88 0.00	55.48 0.36 0.00	65.82 -0.57 0.00	70.42 -0.46 0.00	48.01 0.26 0.00	43.07 -0.08 0.00	47.02 0.54 0.00	52.93 0.41 0.00	57.79 0.09 0.00	56.88 -0.03 0.00	59.82 -2.15 0.00	67.14 -3.60 0.00	78.67 -4.49 0.00	99.07 -4.99 0.00	83.03 -3.79 0.00	54.84 -2.58 0.00	57.21 -2.90 0.00	48.88 -2.05 0.00	46.21 -1.75 0.00	43.51 -0.45 0.00
HQ_GEN_CEDARS_PROXY 323590	50.72 1.50 0.00	52.19 1.72 0.00	50.93 1.64 0.00	52.90 1.44 0.00	41.48 0.88 0.00	55.48 0.36 0.00	65.82 -0.57 0.00	70.43 -0.46 0.00	48.01 0.26 0.00	43.07 -0.08 0.00	47.03 0.54 0.00	52.93 0.41 0.00	57.79 0.09 0.00	56.88 -0.03 0.00	59.82 -2.14 0.00	67.14 -3.60 0.00	78.67 -4.50 0.00	99.08 -4.99 0.00	83.03 -3.79 0.00	54.84 -2.58 0.00	57.21 -2.90 0.00	48.88 -2.06 0.00	46.21 -1.75 0.00	43.51 -0.45 0.00
HQ_GEN_IMPORT 323601	49.89 0.67 0.00	51.34 0.87 0.00	50.12 0.84 0.00	52.17 0.71 0.00	41.04 0.44 0.00	55.69 0.57 0.00	67.00 0.61 0.00	71.41 0.53 0.00	47.92 0.17 0.00	43.95 0.15 -0.64	46.73 0.24 0.00	52.81 0.30 0.00	57.98 0.27 0.00	57.03 0.11 0.00	62.08 0.11 0.00	70.87 0.02 -0.10	77.95 0.23 5.44	104.23 0.17 0.00	86.83 0.01 0.00	57.34 -0.08 0.00	60.17 0.06 0.00	51.06 0.13 0.00	48.08 0.22 0.09	44.26 0.29 0.00
HQ_GEN_WHEEL 23651	49.89 0.67 0.00	51.34 0.87 0.00	50.12 0.84 0.00	52.17 0.71 0.00	41.04 0.44 0.00	55.69 0.57 0.00	67.00 0.61 0.00	71.41 0.53 0.00	47.92 0.17 0.00	43.95 0.15 -0.64	46.73 0.24 0.00	52.81 0.30 0.00	57.98 0.27 0.00	57.03 0.11 0.00	62.08 0.11 0.00	70.87 0.02 -0.10	77.95 0.23 5.44	104.23 0.17 0.00	86.83 0.01 0.00	57.34 -0.08 0.00	60.17 0.06 0.00	51.06 0.13 0.00	48.08 0.22 0.09	44.26 0.29 0.00
HUDSON_AVE_GT_3 23810	50.72 1.50 0.00	51.79 1.31 0.00	50.68 1.39 0.00	53.12 1.67 0.00	42.16 1.56 0.00	57.41 2.29 0.00	69.07 2.69 0.00	74.30 3.42 0.00	50.80 2.73 -0.32	209.51 2.27 -164.08	60.97 2.47 -12.01	98.09 2.71 -42.87	60.89 3.19 0.00	60.24 3.32 0.00	65.66 3.69 0.00	75.04 4.29 0.00	87.99 4.83 0.00	110.33 6.27 0.00	92.08 5.26 0.00	61.16 3.75 0.00	64.09 3.98 0.00	54.24 3.30 0.00	51.37 2.99 -0.42	46.51 2.55 0.00
HUDSON_AVE_GT_4 23540	50.72 1.50 0.00	51.79 1.31 0.00	50.68 1.39 0.00	53.12 1.67 0.00	42.16 1.56 0.00	57.41 2.29 0.00	69.07 2.69 0.00	74.30 3.42 0.00	50.80 2.73 -0.32	209.51 2.27 -164.08	60.97 2.47 -12.01	98.09 2.71 -42.87	60.89 3.19 0.00	60.24 3.32 0.00	65.66 3.69 0.00	75.04 4.29 0.00	87.99 4.83 0.00	110.33 6.27 0.00	92.08 5.26 0.00	61.16 3.75 0.00	64.09 3.98 0.00	54.24 3.30 0.00	51.37 2.99 -0.42	46.51 2.55 0.00
HUDSON_AVE_GT_5 23657	50.72 1.50 0.00	51.79 1.31 0.00	50.68 1.39 0.00	53.12 1.67 0.00	42.16 1.56 0.00	57.41 2.29 0.00	69.07 2.69 0.00	74.30 3.42 0.00	50.80 2.73 -0.32	209.51 2.27 -164.08	60.97 2.47 -12.01	98.09 2.71 -42.87	60.89 3.19 0.00	60.24 3.32 0.00	65.66 3.69 0.00	75.04 4.29 0.00	87.99 4.83 0.00	110.33 6.27 0.00	92.08 5.26 0.00	61.16 3.75 0.00	64.09 3.98 0.00	54.24 3.30 0.00	51.37 2.99 -0.42	46.51 2.55 0.00
HUDSON_AVE_10 24168	50.51 1.29 0.00	51.64 1.17 0.00	50.53 1.24 0.00	53.03 1.57 0.00	42.06 1.46 0.00	57.28 2.16 0.00	68.90 2.52 0.00	74.06 3.18 0.00	50.61 2.54 -0.32	209.33 2.09 -164.08	60.77 2.27 -12.01	97.89 2.51 -42.87	60.66 2.95 0.00	60.00 3.09 0.00	65.39 3.42 0.00	74.74 4.00 0.00	87.68 4.52 0.00	109.91 5.84 0.00	91.70 4.89 0.00	60.93 3.51 0.00	63.87 3.76 0.00	54.04 3.10 0.00	51.19 2.81 -0.42	46.31 2.35 0.00
HUDSON___115KV_TB 4 355613	51.47 2.25 0.00	52.68 2.20 0.00	51.49 2.20 0.00	53.77 2.32 0.00	42.30 1.70 0.00	57.14 2.03 0.00	69.01 2.63 0.00	74.06 3.17 0.00	50.07 2.26 -0.06	75.33 1.60 -30.56	50.44 1.71 -2.24	62.33 2.23 -7.58	60.21 2.51 0.00	59.62 2.70 0.00	65.07 3.10 0.00	74.45 3.70 0.00	87.41 4.25 0.00	109.54 5.48 0.00	91.52 4.71 0.00	60.50 3.08 0.00	63.23 3.12 0.00	53.49 2.56 0.00	50.48 2.44 -0.07	46.05 2.09 0.00
HUNTER MOUNT___DRP 323613	51.78 2.56 0.00	53.01 2.53 0.00	51.81 2.53 0.00	54.10 2.64 0.00	42.56 1.96 0.00	57.52 2.40 0.00	69.51 3.12 0.00	74.62 3.74 0.00	50.43 2.63 -0.04	67.69 1.84 -22.69	50.15 2.00 -1.66	60.80 2.63 -5.65	60.67 2.96 0.00	60.07 3.16 0.00	65.56 3.59 0.00	75.03 4.28 0.00	88.15 4.99 0.00	110.46 6.40 0.00	92.25 5.43 0.00	60.91 3.50 0.00	63.62 3.52 0.00	53.79 2.86 0.00	50.72 2.71 -0.05	46.28 2.32 0.00
HUNTINGTON_RES_REC 323705	51.63 2.41 0.00	52.44 1.97 0.00	51.29 2.00 0.00	53.88 2.42 0.00	42.84 2.24 0.00	58.48 3.36 0.00	70.47 4.08 0.00	75.44 4.55 0.00	51.57 3.50 -0.32	209.50 2.60 -163.75	61.69 3.22 -11.99	98.59 3.30 -42.77	61.55 3.85 0.00	60.60 3.69 0.00	66.45 4.48 0.00	76.13 5.38 0.00	89.00 5.84 0.00	111.99 7.93 0.00	93.92 7.10 0.00	67.68 5.14 -5.12	65.27 5.16 0.00	55.29 4.35 0.00	52.08 3.70 -0.42	47.09 3.13 0.00
HUNTLEY___63 23557	46.86 -2.36 0.00	47.55 -2.92 0.00	46.22 -3.06 0.00	48.30 -3.16 0.00	38.31 -2.30 0.00	51.84 -3.28 0.00	61.58 -4.80 0.00	64.96 -5.93 0.00	44.12 -3.63 0.00	40.62 -2.54 0.00	43.68 -2.81 0.00	49.19 -3.33 0.00	54.40 -3.30 0.00	53.50 -3.41 0.00	58.11 -3.86 0.00	66.54 -4.21 0.00	78.50 -4.66 0.00	97.63 -6.43 0.00	80.87 -5.95 0.00	52.62 -4.80 0.00	54.32 -5.79 0.00	46.39 -4.55 0.00	44.36 -3.60 0.00	41.50 -2.46 0.00
HUNTLEY___64 23558	46.86 -2.36 0.00	47.55 -2.92 0.00	46.22 -3.06 0.00	48.30 -3.16 0.00	38.31 -2.30 0.00	51.84 -3.28 0.00	61.58 -4.80 0.00	64.96 -5.93 0.00	44.12 -3.63 0.00	40.62 -2.54 0.00	43.68 -2.81 0.00	49.19 -3.33 0.00	54.40 -3.30 0.00	53.50 -3.41 0.00	58.11 -3.86 0.00	66.54 -4.21 0.00	78.50 -4.66 0.00	97.63 -6.43 0.00	80.87 -5.95 0.00	52.62 -4.80 0.00	54.32 -5.79 0.00	46.39 -4.55 0.00	44.36 -3.60 0.00	41.50 -2.46 0.00
HUNTLEY___65 23559	46.86 -2.36 0.00	47.55 -2.92 0.00	46.22 -3.06 0.00	48.30 -3.16 0.00	38.31 -2.30 0.00	51.84 -3.28 0.00	61.58 -4.80 0.00	64.96 -5.93 0.00	44.12 -3.63 0.00	40.62 -2.54 0.00	43.68 -2.81 0.00	49.19 -3.33 0.00	54.40 -3.30 0.00	53.50 -3.41 0.00	58.11 -3.86 0.00	66.54 -4.21 0.00	78.50 -4.66 0.00	97.63 -6.43 0.00	80.87 -5.95 0.00	52.62 -4.80 0.00	54.32 -5.79 0.00	46.39 -4.55 0.00	44.36 -3.60 0.00	41.50 -2.46 0.00
HUNTLEY___66 23560	46.86 -2.36 0.00	47.55 -2.92 0.00	46.22 -3.06 0.00	48.30 -3.16 0.00	38.31 -2.30 0.00	51.84 -3.28 0.00	61.58 -4.80 0.00	64.96 -5.93 0.00	44.12 -3.63 0.00	40.62 -2.54 0.00	43.68 -2.81 0.00	49.19 -3.33 0.00	54.40 -3.30 0.00	53.50 -3.41 0.00	58.11 -3.86 0.00	66.54 -4.21 0.00	78.50 -4.66 0.00	97.63 -6.43 0.00	80.87 -5.95 0.00	52.62 -4.80 0.00	54.32 -5.79 0.00	46.39 -4.55 0.00	44.36 -3.60 0.00	41.50 -2.46 0.00

HUNTLEY___67 23561	46.67 -2.55 0.00	47.34 -3.13 0.00	46.03 -3.26 0.00	48.11 -3.35 0.00	38.12 -2.49 0.00	51.56 -3.55 0.00	61.28 -5.10 0.00	64.57 -6.31 0.00	43.76 -3.99 0.00	40.25 -2.91 0.00	43.26 -3.23 0.00	48.73 -3.79 0.00	53.90 -3.80 0.00	53.01 -3.91 0.00	57.60 -4.37 0.00	65.97 -4.77 0.00	77.78 -5.38 0.00	96.79 -7.27 0.00	80.16 -6.66 0.00	52.17 -5.25 0.00	53.87 -6.23 0.00	46.03 -4.90 0.00	43.99 -3.96 0.00	41.10 -2.86 0.00
HUNTLEY___68 23562	46.67 -2.55 0.00	47.34 -3.13 0.00	46.03 -3.26 0.00	48.11 -3.35 0.00	38.12 -2.49 0.00	51.56 -3.55 0.00	61.28 -5.10 0.00	64.57 -6.31 0.00	43.76 -3.99 0.00	40.25 -2.91 0.00	43.26 -3.23 0.00	48.73 -3.79 0.00	53.90 -3.80 0.00	53.01 -3.91 0.00	57.60 -4.37 0.00	65.97 -4.77 0.00	77.78 -5.38 0.00	96.79 -7.27 0.00	80.16 -6.66 0.00	52.17 -5.25 0.00	53.87 -6.23 0.00	46.03 -4.90 0.00	43.99 -3.96 0.00	41.10 -2.86 0.00
HYLAND___LFGE 323620	49.88 0.66 0.00	50.66 0.18 0.00	49.27 -0.02 0.00	51.43 -0.02 0.00	40.68 0.09 0.00	55.27 0.15 0.00	66.52 0.14 0.00	70.78 -0.10 0.00	47.77 0.02 0.00	43.66 0.50 0.00	46.74 0.25 0.00	52.41 -0.11 0.00	57.59 -0.12 0.00	56.64 -0.27 0.00	61.74 -0.23 0.00	71.42 0.68 0.00	84.88 1.72 0.00	106.21 2.15 0.00	88.33 1.51 0.00	57.60 0.18 0.00	59.61 -0.50 0.00	50.70 -0.24 0.00	47.82 -0.14 0.00	44.03 0.07 0.00
INDECK___CORINTH 23802	51.19 1.97 0.00	52.43 1.95 0.00	51.39 2.11 0.00	53.70 2.24 0.00	42.43 1.83 0.00	57.83 2.71 0.00	69.82 3.44 0.00	74.70 3.82 0.00	50.45 2.64 -0.07	81.73 2.25 -36.33	51.46 2.31 -2.66	64.19 2.68 -9.00	60.58 2.88 0.00	60.03 3.11 0.00	65.47 3.50 0.00	75.14 4.40 0.00	88.27 5.11 0.00	110.39 6.33 0.00	92.62 5.80 0.00	61.22 3.80 0.00	63.90 3.80 0.00	53.93 3.00 0.00	50.61 2.56 -0.09	46.01 2.04 0.00
INDECK___ILION 23567	49.51 0.29 0.00	50.72 0.24 0.00	49.55 0.26 0.00	51.80 0.34 0.00	40.90 0.30 0.00	55.45 0.33 0.00	66.90 0.52 0.00	71.43 0.55 0.00	48.03 0.28 0.00	43.21 0.05 0.00	46.60 0.11 0.00	52.80 0.28 0.00	57.98 0.27 0.00	57.33 0.42 0.00	62.47 0.50 0.00	71.41 0.66 0.00	83.75 0.59 0.00	104.96 0.89 0.00	87.74 0.93 0.00	58.18 0.76 0.00	60.84 0.73 0.00	51.49 0.56 0.00	48.40 0.44 0.00	44.19 0.23 0.00
INDECK___OLEAN 23982	48.97 -0.25 0.00	49.71 -0.75 0.00	48.52 -0.76 0.00	50.85 -0.61 0.00	40.33 -0.27 0.00	54.42 -0.69 0.00	64.55 -1.84 0.00	68.32 -2.56 0.00	46.28 -1.47 0.00	42.58 -0.58 0.00	45.94 -0.55 0.00	51.62 -0.90 0.00	57.14 -0.56 0.00	56.15 -0.76 0.00	60.87 -1.10 0.00	69.45 -1.29 0.00	81.43 -1.73 0.00	93.07 -2.72 8.27	84.44 -2.38 0.00	55.26 -2.16 0.00	57.38 -2.73 0.00	48.76 -2.17 0.00	46.16 -1.79 0.00	43.24 -0.72 0.00
INDECK___OSWEGO 23783	47.57 -1.65 0.00	48.68 -1.79 0.00	47.50 -1.79 0.00	49.65 -1.81 0.00	39.25 -1.35 0.00	53.33 -1.79 0.00	64.32 -2.07 0.00	68.71 -2.18 0.00	46.30 -1.44 0.00	41.91 -1.25 0.00	45.08 -1.41 0.00	50.89 -1.63 0.00	55.97 -1.73 0.00	55.22 -1.69 0.00	60.06 -1.91 0.00	68.55 -2.20 0.00	80.64 -2.52 0.00	100.94 -3.13 0.00	84.23 -2.59 0.00	55.70 -1.71 0.00	58.13 -1.97 0.00	49.21 -1.72 0.00	46.29 -1.67 0.00	42.43 -1.53 0.00
INDECK___YERKES 23781	46.91 -2.31 0.00	47.59 -2.88 0.00	46.26 -3.02 0.00	48.33 -3.12 0.00	38.33 -2.27 0.00	51.88 -3.23 0.00	61.64 -4.75 0.00	65.03 -5.86 0.00	44.16 -3.59 0.00	40.67 -2.49 0.00	43.76 -2.73 0.00	49.25 -3.27 0.00	54.46 -3.25 0.00	53.56 -3.35 0.00	58.17 -3.80 0.00	66.61 -4.14 0.00	78.57 -4.59 0.00	92.38 -6.33 5.36	80.96 -5.86 0.00	52.65 -4.77 0.00	54.37 -5.74 0.00	46.43 -4.50 0.00	44.39 -3.57 0.00	41.53 -2.43 0.00
INDIAN POINT_GT_1 24139	50.49 1.27 0.00	51.54 1.07 0.00	50.42 1.13 0.00	52.83 1.38 0.00	41.89 1.29 0.00	57.06 1.94 0.00	68.75 2.37 0.00	73.85 2.96 0.00	50.39 2.30 -0.34	217.48 1.90 -172.43	61.17 2.06 -12.61	100.86 2.22 -46.12	60.26 2.56 0.00	59.61 2.70 0.00	65.00 3.03 0.00	74.28 3.53 0.00	87.11 3.95 0.00	109.26 5.19 0.00	91.24 4.42 0.00	60.58 3.17 0.00	63.44 3.34 0.00	53.67 2.74 0.00	50.79 2.38 -0.46	45.96 1.99 0.00
INDIAN POINT_GT_2 23659	50.49 1.27 0.00	51.54 1.07 0.00	50.42 1.13 0.00	52.83 1.38 0.00	41.89 1.29 0.00	57.06 1.94 0.00	68.75 2.37 0.00	73.85 2.96 0.00	50.39 2.30 -0.34	217.48 1.90 -172.43	61.17 2.06 -12.61	100.86 2.22 -46.12	60.26 2.56 0.00	59.61 2.70 0.00	65.00 3.03 0.00	74.28 3.53 0.00	87.11 3.95 0.00	109.26 5.19 0.00	91.24 4.42 0.00	60.58 3.17 0.00	63.44 3.34 0.00	53.67 2.74 0.00	50.79 2.38 -0.46	45.96 1.99 0.00
INDIAN POINT_GT_3 24019	50.49 1.27 0.00	51.54 1.07 0.00	50.42 1.13 0.00	52.83 1.38 0.00	41.89 1.29 0.00	57.06 1.94 0.00	68.75 2.37 0.00	73.85 2.96 0.00	50.39 2.30 -0.34	217.48 1.90 -172.43	61.17 2.06 -12.61	100.86 2.22 -46.12	60.26 2.56 0.00	59.61 2.70 0.00	65.00 3.03 0.00	74.28 3.53 0.00	87.11 3.95 0.00	109.26 5.19 0.00	91.24 4.42 0.00	60.58 3.17 0.00	63.44 3.34 0.00	53.67 2.74 0.00	50.79 2.38 -0.46	45.96 1.99 0.00
INDIAN POINT___2 23530	50.41 1.19 0.00	51.48 1.00 0.00	50.34 1.05 0.00	52.76 1.30 0.00	41.84 1.24 0.00	56.98 1.86 0.00	68.67 2.29 0.00	73.74 2.86 0.00	50.36 2.21 -0.41	181.46 1.82 -136.48	58.41 1.98 -9.94	109.50 2.10 -54.88	60.12 2.42 0.00	59.50 2.58 0.00	64.87 2.90 0.00	74.10 3.36 0.00	86.90 3.74 0.00	108.98 4.91 0.00	91.00 4.18 0.00	60.45 3.03 0.00	63.31 3.20 0.00	53.55 2.62 0.00	50.74 2.24 -0.54	45.86 1.90 0.00
INDIAN POINT___3 23531	50.45 1.23 0.00	51.51 1.04 0.00	50.38 1.09 0.00	52.80 1.35 0.00	41.85 1.25 0.00	57.00 1.89 0.00	68.69 2.30 0.00	73.77 2.89 0.00	50.34 2.25 -0.35	254.78 1.85 -209.77	63.88 2.02 -15.37	101.32 2.15 -46.65	60.17 2.47 0.00	59.55 2.64 0.00	64.92 2.95 0.00	74.17 3.43 0.00	86.98 3.82 0.00	109.08 5.02 0.00	91.08 4.26 0.00	60.50 3.08 0.00	63.37 3.26 0.00	53.60 2.67 0.00	50.72 2.30 -0.46	45.90 1.93 0.00
INGHAM_C_115KV_TB7 356103	49.65 0.43 0.00	50.81 0.34 0.00	49.66 0.38 0.00	52.00 0.54 0.00	41.05 0.45 0.00	55.52 0.40 0.00	67.10 0.71 0.00	71.56 0.67 0.00	47.97 0.22 0.00	42.90 -0.26 0.00	46.36 -0.13 0.00	52.79 0.27 0.00	57.91 0.20 0.00	57.42 0.50 0.00	62.64 0.67 0.00	71.70 0.95 0.00	83.89 0.73 0.00	105.22 1.16 0.00	88.21 1.39 0.00	58.65 1.23 0.00	61.30 1.19 0.00	51.84 0.91 0.00	48.66 0.70 0.00	44.27 0.31 0.00
IP CORINTH___1 23988	51.46 2.24 0.00	52.70 2.23 0.00	51.65 2.36 0.00	53.98 2.52 0.00	42.65 2.05 0.00	58.14 3.02 0.00	70.19 3.81 0.00	75.10 4.21 0.00	50.71 2.90 -0.07	81.97 2.49 -36.33	51.74 2.59 -2.66	64.50 2.98 -9.00	60.92 3.21 0.00	60.35 3.43 0.00	65.82 3.85 0.00	75.54 4.80 0.00	88.74 5.57 0.00	110.95 6.88 0.00	93.09 6.27 0.00	61.54 4.12 0.00	64.25 4.14 0.00	54.21 3.28 0.00	50.87 2.82 -0.09	46.26 2.30 0.00

IP___TICONDEROGA 23804	53.53 4.31 0.00	55.07 4.60 0.00	53.99 4.70 0.00	56.48 5.02 0.00	44.78 4.18 0.00	61.52 6.40 0.00	74.10 7.72 0.00	79.08 8.19 0.00	53.47 5.65 -0.07	84.79 5.09 -36.55	54.77 5.61 -2.68	67.44 5.87 -9.05	63.21 5.51 0.00	62.75 5.84 0.00	68.79 6.82 0.00	79.58 8.84 0.00	93.91 10.75 0.00	117.52 13.46 0.00	99.32 12.50 0.00	65.52 8.10 0.00	68.01 7.90 0.00	57.57 6.63 0.00	53.78 5.73 -0.09	48.75 4.79 0.00
ISLIP_RES_REC 323679	52.06 2.84 0.00	52.85 2.37 0.00	51.69 2.41 0.00	54.32 2.87 0.00	43.22 2.62 0.00	59.04 3.92 0.00	71.19 4.81 0.00	76.22 5.34 0.00	52.10 4.03 -0.32	209.95 3.05 -163.75	62.19 3.71 -11.99	99.19 3.90 -42.77	62.22 4.51 0.00	61.27 4.36 0.00	67.21 5.24 0.00	76.86 6.12 0.00	89.91 6.75 0.00	113.14 9.08 0.00	94.84 8.02 0.00	68.29 5.74 -5.12	65.85 5.74 0.00	55.77 4.83 0.00	52.51 4.13 -0.42	47.43 3.47 0.00
JAMAICA__27_KV_LOAD 355505	50.83 1.62 0.00	52.15 1.67 0.00	51.00 1.71 0.00	53.62 2.16 0.00	42.51 1.90 0.00	57.82 2.70 0.00	69.54 3.16 0.00	74.64 3.76 0.00	50.95 2.89 -0.32	209.62 2.38 -164.08	61.10 2.60 -12.01	98.29 2.91 -42.87	61.09 3.38 0.00	60.43 3.52 0.00	65.85 3.88 0.00	75.27 4.53 0.00	88.35 5.19 0.00	110.71 6.65 0.00	92.42 5.60 0.00	61.43 4.02 0.00	64.39 4.28 0.00	54.47 3.53 0.00	51.61 3.23 -0.42	46.62 2.66 0.00
JANIS___SOLAR 323808	51.16 1.94 0.00	52.32 1.85 0.00	50.99 1.70 0.00	53.35 1.90 0.00	42.12 1.53 0.00	57.16 2.04 0.00	69.09 2.70 0.00	72.39 1.51 0.00	48.67 0.92 0.00	44.15 0.98 0.00	47.39 0.90 0.00	54.01 1.50 0.00	64.17 6.46 0.00	61.21 4.30 0.00	66.74 4.78 0.00	76.49 5.75 0.00	92.84 9.68 0.00	119.97 14.90 -1.00	91.75 4.93 0.00	60.23 2.81 0.00	62.74 2.64 0.00	53.05 2.12 0.00	49.80 1.84 0.00	45.63 1.67 0.00
JARVIS____ 23743	49.23 0.01 0.00	50.45 -0.02 0.00	49.29 0.00 0.00	51.48 0.03 0.00	40.64 0.04 0.00	55.17 0.05 0.00	66.45 0.07 0.00	70.98 0.10 0.00	47.85 0.10 0.00	43.24 0.08 0.00	46.56 0.06 0.00	52.59 0.07 0.00	57.77 0.06 0.00	57.03 0.11 0.00	62.11 0.13 0.00	70.93 0.19 0.00	83.25 0.09 0.00	104.27 0.21 0.00	87.04 0.22 0.00	57.59 0.17 0.00	60.26 0.16 0.00	51.08 0.15 0.00	48.05 0.09 0.00	44.01 0.05 0.00
JENNISON___1 23625	51.34 2.12 0.00	52.54 2.07 0.00	51.22 1.93 0.00	53.56 2.11 0.00	42.07 1.47 0.00	56.62 1.50 0.00	68.43 2.04 0.00	73.65 2.77 0.00	49.25 1.57 0.07	4.16 1.83 40.83	45.14 1.64 2.99	44.37 1.95 10.10	59.80 2.10 0.00	58.57 1.66 0.00	63.86 1.89 0.00	73.09 2.34 0.00	86.93 3.77 0.00	110.07 6.00 0.00	90.67 3.86 0.00	59.97 2.56 0.00	62.65 2.54 0.00	53.12 2.19 0.00	49.87 1.96 0.04	45.77 1.81 0.00
JENNISON___2 23626	51.34 2.12 0.00	52.54 2.07 0.00	51.22 1.93 0.00	53.56 2.11 0.00	42.07 1.47 0.00	56.62 1.50 0.00	68.43 2.04 0.00	73.65 2.77 0.00	49.25 1.57 0.07	4.16 1.83 40.83	45.14 1.64 2.99	44.37 1.95 10.10	59.80 2.10 0.00	58.57 1.66 0.00	63.86 1.89 0.00	73.09 2.34 0.00	86.93 3.77 0.00	110.07 6.00 0.00	90.67 3.86 0.00	59.97 2.56 0.00	62.65 2.54 0.00	53.12 2.19 0.00	49.87 1.96 0.04	45.77 1.81 0.00
JERICHO_RISE_WT_PWR 323719	51.04 1.82 0.00	52.52 2.05 0.00	51.25 1.96 0.00	53.28 1.83 0.00	41.88 1.28 0.00	56.84 1.72 0.00	68.27 1.88 0.00	72.33 1.45 0.00	48.34 0.60 0.00	43.53 0.37 0.00	46.87 0.38 0.00	53.03 0.51 0.00	57.87 0.17 0.00	56.52 -0.39 0.00	61.10 -0.87 0.00	69.92 -0.82 0.00	82.59 -0.57 0.00	103.29 -0.77 0.00	86.23 -0.59 0.00	56.74 -0.68 0.00	59.56 -0.55 0.00	50.72 -0.21 0.00	47.96 0.00 0.00	44.16 0.20 0.00
KATONAH___115KV_46KV_TB4 355592	50.94 1.73 0.00	52.01 1.53 0.00	50.85 1.56 0.00	53.30 1.84 0.00	42.27 1.67 0.00	57.58 2.46 0.00	69.44 3.05 0.00	74.59 3.71 0.00	50.85 2.86 -0.24	177.20 2.39 -131.65	58.73 2.60 -9.64	87.99 2.85 -32.63	60.92 3.22 0.00	60.29 3.38 0.00	65.74 3.77 0.00	75.14 4.40 0.00	88.17 5.01 0.00	110.63 6.57 0.00	92.35 5.53 0.00	61.32 3.91 0.00	64.15 4.05 0.00	54.25 3.32 0.00	51.17 2.89 -0.32	46.40 2.44 0.00
KCE_NY_1 323755	51.75 2.54 0.00	53.05 2.58 0.00	51.91 2.63 0.00	54.26 2.80 0.00	42.88 2.27 0.00	58.30 3.18 0.00	70.35 3.96 0.00	75.27 4.38 0.00	50.78 2.97 -0.07	83.07 2.62 -37.29	51.91 2.68 -2.73	64.91 3.16 -9.24	61.07 3.37 0.00	60.53 3.62 0.00	66.01 4.04 0.00	75.62 4.88 0.00	88.78 5.62 0.00	111.18 7.12 0.00	93.12 6.30 0.00	61.56 4.14 0.00	64.31 4.20 0.00	54.34 3.41 0.00	51.07 3.02 -0.09	46.53 2.57 0.00
KCE_NY_6_ESR 323823	47.67 -1.55 0.00	48.27 -2.20 0.00	46.96 -2.32 0.00	49.14 -2.32 0.00	38.88 -1.73 0.00	52.67 -2.45 0.00	62.56 -3.82 0.00	65.99 -4.89 0.00	44.74 -3.01 0.00	41.22 -1.94 0.00	44.21 -2.28 0.00	49.81 -2.71 0.00	55.12 -2.59 0.00	54.23 -2.68 0.00	58.85 -3.12 0.00	67.38 -3.36 0.00	79.41 -3.75 0.00	92.98 -5.17 5.91	81.91 -4.90 0.00	53.30 -4.12 0.00	55.07 -5.03 0.00	47.02 -3.91 0.00	44.86 -3.10 0.00	41.89 -2.07 0.00
KEDC_PORT_JEFF_GT2 24210	51.86 2.64 0.00	52.65 2.18 0.00	51.50 2.21 0.00	54.11 2.65 0.00	43.05 2.44 0.00	58.77 3.66 0.00	70.82 4.43 0.00	75.82 4.94 0.00	51.84 3.78 -0.32	209.70 2.80 -163.75	61.92 3.44 -11.99	98.88 3.59 -42.77	61.87 4.17 0.00	60.91 4.00 0.00	66.82 4.85 0.00	76.42 5.67 0.00	89.05 5.89 0.00	112.13 8.06 0.00	94.34 7.53 0.00	67.95 5.40 -5.12	65.52 5.41 0.00	55.50 4.56 0.00	52.29 3.90 -0.42	47.25 3.29 0.00
KEDC_PORT_JEFF_GT3 24211	51.86 2.64 0.00	52.65 2.18 0.00	51.50 2.21 0.00	54.11 2.65 0.00	43.05 2.44 0.00	58.77 3.66 0.00	70.82 4.43 0.00	75.82 4.94 0.00	51.84 3.78 -0.32	209.70 2.80 -163.75	61.92 3.44 -11.99	98.88 3.59 -42.77	61.87 4.17 0.00	60.91 4.00 0.00	66.82 4.85 0.00	76.42 5.67 0.00	89.05 5.89 0.00	112.13 8.06 0.00	94.34 7.53 0.00	67.95 5.40 -5.12	65.52 5.41 0.00	55.50 4.56 0.00	52.29 3.90 -0.42	47.25 3.29 0.00
KEDC_GLWD_GT4 24219	51.19 1.97 0.00	52.09 1.62 0.00	50.94 1.66 0.00	53.46 2.00 0.00	42.45 1.85 0.00	57.88 2.77 0.00	69.72 3.34 0.00	74.75 3.87 0.00	50.96 2.89 -0.32	209.16 2.26 -163.75	61.19 2.71 -11.99	98.22 2.94 -42.77	61.03 3.32 0.00	60.23 3.31 0.00	65.77 3.80 0.00	75.20 4.45 0.00	88.10 4.94 0.00	110.67 6.61 0.00	92.49 5.67 0.00	66.66 4.11 -5.12	64.33 4.23 0.00	54.61 3.67 0.00	51.49 3.11 -0.42	46.61 2.64 0.00
KEDC_GLWD_GT5 24220	51.19 1.97 0.00	52.09 1.62 0.00	50.94 1.66 0.00	53.46 2.00 0.00	42.45 1.85 0.00	57.88 2.77 0.00	69.72 3.34 0.00	74.75 3.87 0.00	50.96 2.89 -0.32	209.16 2.26 -163.75	61.19 2.71 -11.99	98.22 2.94 -42.77	61.03 3.32 0.00	60.23 3.31 0.00	65.77 3.80 0.00	75.20 4.45 0.00	88.10 4.94 0.00	110.67 6.61 0.00	92.49 5.67 0.00	66.66 4.11 -5.12	64.33 4.23 0.00	54.61 3.67 0.00	51.49 3.11 -0.42	46.61 2.64 0.00

KENSICO____ 23655	50.64 1.42 0.00	51.69 1.22 0.00	50.54 1.26 0.00	52.98 1.52 0.00	42.01 1.41 0.00	57.22 2.10 0.00	68.94 2.56 0.00	74.05 3.17 0.00	50.56 2.48 -0.33	213.72 2.05 -168.51	61.05 2.23 -12.33	99.06 2.42 -44.11	60.48 2.78 0.00	59.84 2.93 0.00	65.24 3.27 0.00	74.57 3.82 0.00	87.44 4.28 0.00	109.67 5.61 0.00	91.58 4.76 0.00	60.82 3.40 0.00	63.68 3.58 0.00	53.88 2.95 0.00	50.97 2.57 -0.44	46.14 2.18 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.71 2.49 0.00	52.77 2.30 0.00	51.58 2.29 0.00	54.08 2.62 0.00	42.91 2.31 0.00	58.58 3.47 0.00	70.83 4.45 0.00	76.14 5.26 0.00	51.36 3.71 0.10	-7.80 3.22 54.18	46.08 3.56 3.97	43.10 3.90 13.31	62.11 4.41 0.00	61.47 4.56 0.00	67.03 5.06 0.00	76.62 5.88 0.00	90.10 6.94 0.00	112.98 8.92 0.00	94.16 7.35 0.00	62.43 5.01 0.00	65.25 5.15 0.00	55.09 4.15 0.00	51.37 3.55 0.14	46.99 3.03 0.00
KIAC_JFK_GT1 23816	50.67 1.45 0.00	51.99 1.51 0.00	50.84 1.55 0.00	53.45 1.99 0.00	42.38 1.78 0.00	57.63 2.51 0.00	69.29 2.91 0.00	74.36 3.48 0.00	50.77 2.71 -0.32	209.45 2.21 -164.08	60.92 2.42 -12.01	98.08 2.70 -42.87	60.87 3.16 0.00	60.22 3.30 0.00	65.62 3.65 0.00	74.99 4.25 0.00	88.02 4.86 0.00	110.30 6.23 0.00	92.07 5.25 0.00	61.20 3.79 0.00	64.15 4.04 0.00	54.26 3.33 0.00	51.43 3.05 -0.42	46.47 2.51 0.00
KIAC_JFK_GT2 23817	50.67 1.45 0.00	51.99 1.51 0.00	50.84 1.55 0.00	53.45 1.99 0.00	42.38 1.78 0.00	57.63 2.51 0.00	69.29 2.91 0.00	74.36 3.48 0.00	50.77 2.71 -0.32	209.45 2.21 -164.08	60.92 2.42 -12.01	98.08 2.70 -42.87	60.87 3.16 0.00	60.22 3.30 0.00	65.62 3.65 0.00	74.99 4.25 0.00	88.02 4.86 0.00	110.30 6.23 0.00	92.07 5.25 0.00	61.20 3.79 0.00	64.15 4.04 0.00	54.26 3.33 0.00	51.43 3.05 -0.42	46.47 2.51 0.00
KIAC_JFK____ 323774	50.67 1.45 0.00	51.99 1.51 0.00	50.83 1.55 0.00	53.45 1.99 0.00	42.38 1.78 0.00	57.63 2.51 0.00	69.29 2.91 0.00	74.36 3.48 0.00	50.77 2.70 -0.32	209.45 2.21 -164.08	60.91 2.42 -12.01	98.08 2.70 -42.87	60.87 3.16 0.00	60.22 3.30 0.00	65.62 3.65 0.00	75.00 4.25 0.00	88.02 4.86 0.00	110.30 6.23 0.00	92.07 5.25 0.00	61.20 3.79 0.00	64.15 4.04 0.00	54.26 3.33 0.00	51.44 3.05 -0.42	46.47 2.51 0.00
KINTIGH____ 23543	46.15 -3.07 0.00	46.92 -3.55 0.00	45.65 -3.63 0.00	47.74 -3.72 0.00	37.85 -2.76 0.00	51.20 -3.92 0.00	60.99 -5.40 0.00	64.42 -6.46 0.00	43.63 -4.12 0.00	40.03 -3.12 0.00	43.09 -3.40 0.00	48.56 -3.96 0.00	53.63 -4.07 0.00	52.78 -4.13 0.00	57.35 -4.62 0.00	65.64 -5.10 0.00	77.39 -5.77 0.00	96.40 -7.66 0.00	79.91 -6.90 0.00	52.15 -5.26 0.00	53.99 -6.12 0.00	46.00 -4.93 0.00	43.85 -4.11 0.00	40.83 -3.13 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	51.74 2.52 0.00	53.19 2.72 0.00	51.87 2.59 0.00	54.00 2.54 0.00	42.52 1.92 0.00	57.75 2.64 0.00	69.48 3.10 0.00	73.55 2.66 0.00	49.29 1.54 0.00	44.42 1.27 0.00	47.70 1.21 0.00	53.93 1.41 0.00	58.80 1.10 0.00	57.56 0.64 0.00	62.28 0.31 0.00	71.29 0.55 0.00	84.15 0.99 0.00	105.36 1.29 0.00	88.04 1.22 0.00	57.90 0.48 0.00	60.61 0.50 0.00	51.50 0.57 0.00	48.61 0.65 0.00	44.65 0.69 0.00
LACHUTE____HYDRO 323717	53.53 4.31 0.00	55.07 4.60 0.00	53.99 4.70 0.00	56.48 5.02 0.00	44.78 4.18 0.00	61.51 6.40 0.00	74.10 7.72 0.00	79.07 8.19 0.00	53.47 5.65 -0.07	84.79 5.09 -36.55	54.77 5.60 -2.68	67.44 5.87 -9.05	63.21 5.51 0.00	62.75 5.84 0.00	68.79 6.82 0.00	79.59 8.84 0.00	93.91 10.74 0.00	117.52 13.46 0.00	99.32 12.50 0.00	65.52 8.10 0.00	68.01 7.90 0.00	57.57 6.63 0.00	53.78 5.73 -0.09	48.75 4.79 0.00
LAWRNCV_115KV_TB1 80681	50.76 1.55 0.00	52.24 1.77 0.00	50.98 1.69 0.00	52.92 1.47 0.00	41.39 0.79 0.00	55.37 0.26 0.00	65.82 -0.57 0.00	70.42 -0.46 0.00	48.01 0.26 0.00	43.07 -0.08 0.00	47.02 0.54 0.00	52.93 0.41 0.00	57.79 0.09 0.00	56.88 -0.03 0.00	59.82 -2.15 0.00	67.14 -3.60 0.00	78.67 -4.49 0.00	99.07 -4.99 0.00	83.03 -3.79 0.00	54.84 -2.58 0.00	57.21 -2.90 0.00	48.88 -2.05 0.00	46.21 -1.75 0.00	43.51 -0.45 0.00
LEDERLE____ 23769	50.53 1.31 0.00	51.58 1.11 0.00	50.45 1.16 0.00	52.88 1.42 0.00	41.93 1.33 0.00	57.15 2.03 0.00	69.00 2.62 0.00	74.11 3.22 0.00	49.63 2.42 0.54	-469.29 2.05 514.50	10.92 2.25 37.82	-17.25 2.36 72.13	60.41 2.70 0.00	59.77 2.86 0.00	65.14 3.17 0.00	74.41 3.67 0.00	87.30 4.14 0.00	109.50 5.43 0.00	91.41 4.59 0.00	60.71 3.29 0.00	63.58 3.48 0.00	53.75 2.81 0.00	49.64 2.39 0.71	45.98 2.02 0.00
LIGHTRSE_115KV_TB6 355974	48.55 -0.67 0.00	49.66 -0.82 0.00	48.44 -0.84 0.00	50.61 -0.85 0.00	39.99 -0.61 0.00	54.43 -0.68 0.00	65.67 -0.71 0.00	70.23 -0.65 0.00	47.28 -0.47 0.00	42.66 -0.50 0.00	45.74 -0.76 0.00	51.55 -0.97 0.00	56.71 -0.99 0.00	55.88 -1.03 0.00	60.57 -1.40 0.00	69.00 -1.75 0.00	81.36 -1.80 0.00	101.85 -2.22 0.00	85.20 -1.62 0.00	56.52 -0.90 0.00	58.94 -1.17 0.00	49.76 -1.18 0.00	46.63 -1.32 0.00	42.76 -1.21 0.00
LINDEN COGEN____ 23786	50.29 1.07 0.00	51.35 0.87 0.00	50.25 0.96 0.00	52.67 1.22 0.00	41.83 1.23 0.00	56.93 1.81 0.00	68.47 2.09 0.00	73.74 2.85 0.00	50.41 2.35 -0.32	209.11 1.87 -164.08	60.54 2.04 -12.01	97.59 2.21 -42.87	60.42 2.71 0.00	59.78 2.87 0.00	65.15 3.18 0.00	74.43 3.69 0.00	87.28 4.11 0.00	109.43 5.37 0.00	91.33 4.51 0.00	60.70 3.29 0.00	63.63 3.53 0.00	53.86 2.93 0.00	51.03 2.64 -0.42	46.24 2.28 0.00
LINDHRST_69_KV_BK1 356055	51.89 2.67 0.00	52.71 2.24 0.00	51.57 2.29 0.00	54.16 2.70 0.00	43.06 2.46 0.00	58.76 3.64 0.00	70.74 4.35 0.00	75.70 4.81 0.00	51.78 3.72 -0.32	209.78 2.88 -163.75	62.02 3.54 -11.99	98.90 3.61 -42.77	61.91 4.21 0.00	61.02 4.11 0.00	66.77 4.81 0.00	76.35 5.61 0.00	89.39 6.23 0.00	112.51 8.45 0.00	94.24 7.43 0.00	67.91 5.37 -5.12	65.52 5.41 0.00	55.51 4.58 0.00	52.27 3.89 -0.42	47.31 3.35 0.00
LIPA_MISC_IPP 23656	51.88 2.67 0.00	52.69 2.21 0.00	51.53 2.25 0.00	54.15 2.69 0.00	43.10 2.50 0.00	58.85 3.73 0.00	70.94 4.55 0.00	75.92 5.04 0.00	51.90 3.84 -0.32	209.69 2.79 -163.75	61.90 3.42 -11.99	98.86 3.58 -42.77	61.87 4.17 0.00	60.93 4.02 0.00	66.84 4.87 0.00	76.44 5.70 0.00	89.51 6.34 0.00	112.62 8.56 0.00	94.31 7.49 0.00	67.87 5.33 -5.12	65.49 5.38 0.00	55.47 4.53 0.00	52.32 3.94 -0.42	47.25 3.29 0.00
LISF____SOLAR 323691	51.97 2.76 0.00	52.77 2.29 0.00	51.61 2.32 0.00	54.24 2.78 0.00	43.16 2.56 0.00	58.96 3.84 0.00	71.07 4.68 0.00	76.08 5.19 0.00	51.99 3.92 -0.32	209.75 2.84 -163.75	61.96 3.49 -11.99	98.95 3.67 -42.77	61.97 4.27 0.00	61.04 4.13 0.00	66.97 5.00 0.00	76.61 5.87 0.00	89.72 6.57 0.00	112.91 8.85 0.00	94.54 7.72 0.00	68.00 5.46 -5.12	65.61 5.51 0.00	55.57 4.64 0.00	52.41 4.03 -0.42	47.31 3.35 0.00

LITTLE FALLS___HYD 24013	49.65 0.43 0.00	50.81 0.34 0.00	49.66 0.38 0.00	52.00 0.54 0.00	41.05 0.45 0.00	55.52 0.40 0.00	67.10 0.71 0.00	71.56 0.67 0.00	47.97 0.22 0.00	42.90 -0.26 0.00	46.36 -0.13 0.00	52.79 0.27 0.00	57.91 0.20 0.00	57.42 0.50 0.00	62.64 0.67 0.00	71.70 0.95 0.00	83.89 0.73 0.00	105.22 1.16 0.00	88.21 1.39 0.00	58.65 1.23 0.00	61.30 1.19 0.00	51.84 0.91 0.00	48.66 0.70 0.00	44.27 0.31 0.00
LITTLRIV_115KV_TB1 356100	51.41 2.19 0.00	52.95 2.47 0.00	51.67 2.38 0.00	53.64 2.18 0.00	41.92 1.32 0.00	56.26 1.15 0.00	67.13 0.75 0.00	71.81 0.93 0.00	48.93 1.18 0.00	43.83 0.67 0.00	47.64 1.15 0.00	53.82 1.30 0.00	58.92 1.22 0.00	58.17 1.25 0.00	61.17 -0.80 0.00	68.61 -2.13 0.00	80.53 -2.63 0.00	101.53 -2.53 0.00	85.03 -1.79 0.00	56.14 -1.28 0.00	58.47 -1.63 0.00	49.89 -1.04 0.00	47.09 -0.87 0.00	44.35 0.39 0.00
LI_NEWBRDGE___DRP 323616	51.06 1.84 0.00	51.90 1.43 0.00	50.79 1.50 0.00	53.32 1.86 0.00	42.36 1.76 0.00	57.77 2.66 0.00	69.56 3.17 0.00	74.50 3.61 0.00	50.96 2.89 -0.32	209.08 2.17 -163.75	61.18 2.70 -11.99	97.99 2.70 -42.77	60.87 3.16 0.00	60.07 3.15 0.00	65.69 3.72 0.00	75.13 4.38 0.00	87.92 4.76 0.00	110.54 6.47 0.00	92.50 5.68 0.00	66.70 4.16 -5.12	64.33 4.22 0.00	54.50 3.56 0.00	51.38 2.99 -0.42	46.55 2.59 0.00
LOCKPORT_115KV_TB60_63_64 80432	46.51 -2.71 0.00	47.20 -3.28 0.00	45.88 -3.41 0.00	47.94 -3.52 0.00	38.03 -2.58 0.00	51.45 -3.67 0.00	61.04 -5.34 0.00	64.49 -6.40 0.00	43.92 -3.83 0.00	40.42 -2.74 0.00	43.45 -3.04 0.00	48.94 -3.58 0.00	54.11 -3.59 0.00	53.14 -3.77 0.00	57.69 -4.28 0.00	66.12 -4.63 0.00	78.07 -5.09 0.00	97.12 -6.95 0.00	80.41 -6.41 0.00	52.29 -5.12 0.00	54.00 -6.11 0.00	46.14 -4.79 0.00	44.20 -3.76 0.00	41.27 -2.69 0.00
LOCKPORT___CC1 323769	46.48 -2.74 0.00	47.18 -3.30 0.00	45.86 -3.43 0.00	47.91 -3.55 0.00	38.00 -2.60 0.00	51.39 -3.72 0.00	61.00 -5.38 0.00	64.38 -6.50 0.00	43.82 -3.93 0.00	40.34 -2.82 0.00	43.36 -3.12 0.00	48.83 -3.69 0.00	53.97 -3.73 0.00	53.02 -3.90 0.00	57.56 -4.41 0.00	65.97 -4.77 0.00	77.87 -5.29 0.00	92.12 -7.16 4.79	80.21 -6.60 0.00	52.17 -5.24 0.00	53.88 -6.22 0.00	46.06 -4.88 0.00	44.09 -3.87 0.00	41.17 -2.79 0.00
LOCKPORT___CC2 323770	46.48 -2.74 0.00	47.18 -3.30 0.00	45.86 -3.43 0.00	47.91 -3.55 0.00	38.00 -2.60 0.00	51.39 -3.72 0.00	61.00 -5.38 0.00	64.38 -6.50 0.00	43.82 -3.93 0.00	40.34 -2.82 0.00	43.36 -3.12 0.00	48.83 -3.69 0.00	53.97 -3.73 0.00	53.02 -3.90 0.00	57.56 -4.41 0.00	65.97 -4.77 0.00	77.87 -5.29 4.79	92.12 -7.16 0.00	80.21 -6.60 0.00	52.17 -5.24 0.00	53.88 -6.22 0.00	46.06 -4.88 0.00	44.09 -3.87 0.00	41.17 -2.79 0.00
LOCKPORT___CC3 323771	46.48 -2.74 0.00	47.18 -3.30 0.00	45.86 -3.43 0.00	47.91 -3.55 0.00	38.00 -2.60 0.00	51.39 -3.72 0.00	61.00 -5.38 0.00	64.38 -6.50 0.00	43.82 -3.93 0.00	40.34 -2.82 0.00	43.36 -3.12 0.00	48.83 -3.69 0.00	53.97 -3.73 0.00	53.02 -3.90 0.00	57.56 -4.41 0.00	65.97 -4.77 0.00	77.87 -5.29 4.79	92.12 -7.16 0.00	80.21 -6.60 0.00	52.17 -5.24 0.00	53.88 -6.22 0.00	46.06 -4.88 0.00	44.09 -3.87 0.00	41.17 -2.79 0.00
LONG_LAKE_PHOENIX 24014	47.54 -1.68 0.00	48.63 -1.84 0.00	47.45 -1.83 0.00	49.62 -1.84 0.00	39.24 -1.36 0.00	53.33 -1.79 0.00	64.35 -2.03 0.00	68.74 -2.15 0.00	46.35 -1.39 0.00	41.99 -1.17 0.00	45.20 -1.29 0.00	51.05 -1.47 0.00	56.17 -1.54 0.00	55.42 -1.49 0.00	60.32 -1.65 0.00	68.89 -1.85 0.00	80.99 -2.17 0.00	101.38 -2.68 0.00	84.54 -2.28 0.00	55.86 -1.55 0.00	58.28 -1.83 0.00	49.33 -1.60 0.00	46.41 -1.55 0.00	42.54 -1.42 0.00
LOVETT___3 23632	50.27 1.05 0.00	51.33 0.86 0.00	50.19 0.91 0.00	52.61 1.15 0.00	41.73 1.12 0.00	56.83 1.71 0.00	68.49 2.10 0.00	73.55 2.67 0.00	49.24 2.04 0.54	-605.63 1.71 650.50	0.49 1.87 47.87	-18.86 1.92 73.30	59.94 2.23 0.00	59.31 2.39 0.00	64.63 2.66 0.00	73.84 3.10 0.00	86.59 3.43 0.00	108.59 4.53 0.00	90.71 3.89 0.00	60.26 2.85 0.00	63.13 3.03 0.00	53.39 2.46 0.00	49.32 2.08 0.72	45.71 1.75 0.00
LOVETT___4 23642	50.27 1.05 0.00	51.33 0.86 0.00	50.19 0.91 0.00	52.61 1.15 0.00	41.73 1.12 0.00	56.83 1.71 0.00	68.49 2.10 0.00	73.55 2.67 0.00	49.24 2.04 0.54	-605.63 1.71 650.50	0.49 1.87 47.87	-18.86 1.92 73.30	59.94 2.23 0.00	59.31 2.39 0.00	64.63 2.66 0.00	73.84 3.10 0.00	86.59 3.43 0.00	108.59 4.53 0.00	90.71 3.89 0.00	60.26 2.85 0.00	63.13 3.03 0.00	53.39 2.46 0.00	49.32 2.08 0.72	45.71 1.75 0.00
LOVETT___5 23593	50.27 1.05 0.00	51.33 0.86 0.00	50.19 0.91 0.00	52.61 1.15 0.00	41.73 1.12 0.00	56.83 1.71 0.00	68.49 2.10 0.00	73.55 2.67 0.00	49.24 2.04 0.54	-605.63 1.71 650.50	0.49 1.87 47.87	-18.86 1.92 73.30	59.94 2.23 0.00	59.31 2.39 0.00	64.63 2.66 0.00	73.84 3.10 0.00	86.59 3.43 0.00	108.59 4.53 0.00	90.71 3.89 0.00	60.26 2.85 0.00	63.13 3.03 0.00	53.39 2.46 0.00	49.32 2.08 0.72	45.71 1.75 0.00
LOWER RAQUET___HYD 24057	50.77 1.55 0.00	52.25 1.78 0.00	50.98 1.70 0.00	52.93 1.48 0.00	41.36 0.76 0.00	55.34 0.22 0.00	65.82 -0.57 0.00	70.43 -0.46 0.00	48.01 0.26 0.00	43.07 -0.08 0.00	47.03 0.54 0.00	52.93 0.41 0.00	57.79 0.09 0.00	56.88 -0.03 0.00	59.82 -2.14 0.00	67.14 -3.60 0.00	78.67 -4.50 0.00	99.08 -4.99 0.00	83.03 -3.79 0.00	54.84 -2.58 0.00	57.21 -2.90 0.00	48.88 -2.06 0.00	46.21 -1.75 0.00	43.51 -0.45 0.00
LOWER___HUDSON 24059	51.03 1.81 0.00	52.24 1.77 0.00	51.12 1.83 0.00	53.41 1.95 0.00	42.16 1.56 0.00	57.14 2.02 0.00	68.81 2.43 0.00	73.69 2.81 0.00	49.85 2.03 -0.07	84.31 1.72 -39.42	51.09 1.71 -2.89	64.30 2.02 -9.76	59.76 2.06 0.00	59.21 2.30 0.00	64.59 2.63 0.00	73.96 3.22 0.00	86.58 3.42 0.00	108.47 4.41 0.00	90.79 3.97 0.00	60.12 2.71 0.00	62.92 2.82 0.00	53.24 2.30 0.00	50.14 2.08 -0.10	45.70 1.74 0.00
LOWVILLE_115KV_TB2 356335	50.52 1.30 0.00	51.75 1.27 0.00	50.51 1.23 0.00	52.65 1.19 0.00	41.45 0.85 0.00	56.45 1.33 0.00	68.17 1.79 0.00	72.98 2.09 0.00	48.98 1.24 0.00	43.57 0.41 0.00	46.58 0.09 0.00	52.26 -0.26 0.00	57.47 -0.24 0.00	56.59 -0.32 0.00	60.85 -1.12 0.00	69.10 -1.65 0.00	81.50 -1.66 0.00	102.64 -1.43 0.00	86.25 -0.57 0.00	57.37 -0.05 0.00	59.81 -0.30 0.00	50.46 -0.47 0.00	47.08 -0.87 0.00	43.21 -0.75 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	51.75 2.53 0.00	53.01 2.54 0.00	51.89 2.60 0.00	54.22 2.77 0.00	42.85 2.25 0.00	58.26 3.14 0.00	70.30 3.92 0.00	75.21 4.32 0.00	50.79 2.98 -0.07	83.03 2.58 -37.29	51.86 2.64 -2.73	64.86 3.11 -9.24	61.05 3.35 0.00	60.47 3.56 0.00	65.99 4.02 0.00	75.60 4.86 0.00	88.73 5.57 0.00	111.10 7.04 0.00	93.03 6.22 0.00	61.52 4.11 0.00	64.28 4.18 0.00	54.31 3.38 0.00	51.05 3.00 -0.09	46.50 2.54 0.00

LUTHERNY_35_KV_BK2 355980	51.76 2.54 0.00	53.05 2.58 0.00	51.91 2.63 0.00	54.26 2.80 0.00	42.88 2.28 0.00	58.30 3.18 0.00	70.35 3.96 0.00	75.27 4.38 0.00	50.78 2.97 -0.07	83.07 2.62 -37.29	51.91 2.68 -2.73	64.91 3.16 -9.24	61.07 3.37 0.00	60.53 3.61 0.00	66.01 4.04 0.00	75.62 4.88 0.00	88.78 5.62 0.00	111.18 7.12 0.00	93.12 6.30 0.00	61.56 4.14 0.00	64.31 4.20 0.00	54.34 3.41 0.00	51.07 3.02 -0.09	46.53 2.57 0.00
LWR___OSWEGATCHIE_HYD 23850	50.36 1.14 0.00	51.65 1.18 0.00	50.40 1.12 0.00	52.43 0.97 0.00	41.10 0.50 0.00	55.43 0.31 0.00	66.40 0.01 0.00	71.10 0.22 0.00	48.12 0.37 0.00	43.00 -0.16 0.00	46.48 -0.01 0.00	52.29 -0.23 0.00	57.29 -0.41 0.00	56.41 -0.50 0.00	59.89 -2.08 0.00	67.57 -3.18 0.00	79.43 -3.73 0.00	100.01 -4.06 0.00	83.93 -2.89 0.00	55.62 -1.80 0.00	57.99 -2.12 0.00	49.22 -1.71 0.00	46.22 -1.74 0.00	43.04 -0.92 0.00
LYONS_FALL_HYD 23570	50.37 1.15 0.00	51.61 1.14 0.00	50.39 1.10 0.00	52.57 1.11 0.00	41.45 0.85 0.00	56.43 1.31 0.00	68.18 1.80 0.00	72.96 2.07 0.00	49.06 1.31 0.00	43.91 0.75 0.00	47.11 0.62 0.00	52.97 0.46 0.00	58.24 0.53 0.00	57.43 0.51 0.00	62.04 0.07 0.00	70.62 -0.13 0.00	83.18 0.02 0.00	104.44 0.38 0.00	87.54 0.73 0.00	58.07 0.65 0.00	60.58 0.48 0.00	51.16 0.22 0.00	47.86 -0.10 0.00	43.85 -0.11 0.00
MADISON___COUNTY_LFGE 323628	50.19 0.97 0.00	51.46 0.99 0.00	50.26 0.98 0.00	52.53 1.07 0.00	41.57 0.97 0.00	56.61 1.49 0.00	68.44 2.06 0.00	73.12 2.24 0.00	49.29 1.54 0.00	44.52 1.36 0.00	47.94 1.45 0.00	54.07 1.55 0.00	59.47 1.77 0.00	58.67 1.76 0.00	63.86 1.89 0.00	72.90 2.16 0.00	85.63 2.47 0.00	106.92 2.86 0.00	89.29 2.47 0.00	59.02 1.60 0.00	61.56 1.46 0.00	52.04 1.10 0.00	48.88 0.92 0.00	44.71 0.75 0.00
MALONE___115KV_TB1 356076	51.72 2.50 0.00	53.20 2.73 0.00	51.89 2.61 0.00	53.91 2.45 0.00	42.34 1.74 0.00	57.32 2.20 0.00	68.75 2.37 0.00	72.96 2.08 0.00	49.12 1.38 0.00	44.24 1.08 0.00	47.77 1.28 0.00	53.97 1.46 0.00	58.91 1.20 0.00	57.64 0.73 0.00	61.98 0.02 0.00	70.64 -0.11 0.00	83.33 0.16 0.00	104.43 0.37 0.00	87.25 0.44 0.00	57.39 -0.02 0.00	60.07 -0.03 0.00	51.12 0.19 0.00	48.29 0.33 0.00	44.69 0.73 0.00
MAPLEWOD_115KV_TB3 80458	50.70 1.48 0.00	51.90 1.42 0.00	50.75 1.46 0.00	52.98 1.53 0.00	41.73 1.12 0.00	56.39 1.27 0.00	67.95 1.57 0.00	72.83 1.95 0.00	49.31 1.49 -0.07	82.23 1.21 -37.87	50.47 1.21 -2.77	63.38 1.49 -9.38	59.25 1.54 0.00	58.66 1.75 0.00	63.99 2.02 0.00	73.19 2.45 0.00	85.75 2.59 0.00	107.47 3.41 0.00	89.84 3.03 0.00	59.49 2.07 0.00	62.23 2.12 0.00	52.70 1.77 0.00	49.75 1.70 -0.09	45.37 1.41 0.00
MAPLE_RIDGE_WT_1 323574	49.61 0.39 0.00	50.94 0.46 0.00	49.73 0.44 0.00	51.83 0.37 0.00	40.79 0.19 0.00	55.36 0.25 0.00	66.61 0.22 0.00	70.95 0.07 0.00	47.60 -0.15 0.00	42.96 -0.19 0.00	46.12 -0.37 0.00	51.96 -0.55 0.00	57.00 -0.71 0.00	55.95 -0.96 0.00	60.71 -1.26 0.00	69.24 -1.51 0.00	81.51 -1.66 0.00	102.27 -1.80 0.00	85.40 -1.42 0.00	56.37 -1.05 0.00	59.07 -1.03 0.00	50.03 -0.91 0.00	47.08 -0.88 0.00	43.15 -0.81 0.00
MAPLE_RIDGE_WT_2 323611	49.61 0.39 0.00	50.94 0.46 0.00	49.73 0.44 0.00	51.83 0.37 0.00	40.79 0.19 0.00	55.36 0.25 0.00	66.61 0.22 0.00	70.95 0.07 0.00	47.60 -0.15 0.00	42.96 -0.19 0.00	46.12 -0.37 0.00	51.96 -0.55 0.00	57.00 -0.71 0.00	55.95 -0.96 0.00	60.71 -1.26 0.00	69.24 -1.51 0.00	81.51 -1.66 0.00	102.27 -1.80 0.00	85.40 -1.42 0.00	56.37 -1.05 0.00	59.07 -1.03 0.00	50.03 -0.91 0.00	47.08 -0.88 0.00	43.15 -0.81 0.00
MARBLE_RIVER_WT_PWR 323696	50.98 1.76 0.00	52.45 1.98 0.00	51.18 1.89 0.00	53.24 1.78 0.00	41.87 1.27 0.00	56.82 1.71 0.00	68.25 1.87 0.00	72.32 1.44 0.00	48.35 0.60 0.00	43.55 0.39 0.00	46.88 0.39 0.00	53.03 0.51 0.00	57.87 0.17 0.00	56.57 -0.34 0.00	61.18 -0.78 0.00	70.04 -0.70 0.00	82.65 -0.51 0.00	103.35 -0.71 0.00	86.26 -0.56 0.00	56.75 -0.66 0.00	59.54 -0.57 0.00	50.69 -0.25 0.00	47.91 -0.05 0.00	44.07 0.11 0.00
MARSHVLE_115KV_TB1 80742	51.82 2.60 0.00	53.06 2.59 0.00	51.80 2.51 0.00	54.05 2.59 0.00	42.82 2.22 0.00	58.52 3.40 0.00	70.53 4.15 0.00	75.27 4.38 0.00	50.27 2.48 -0.04	67.35 1.88 -22.32	50.41 2.29 -1.64	60.96 2.91 -5.53	61.00 3.30 0.00	60.10 3.19 0.00	65.19 3.22 0.00	74.46 3.71 0.00	87.86 4.70 0.00	110.13 6.07 0.00	91.79 4.97 0.00	60.65 3.23 0.00	63.37 3.27 0.00	53.60 2.66 0.00	50.22 2.20 -0.06	45.95 1.99 0.00
MARSH_HILL_WT_PWR 323713	48.70 -0.52 0.00	49.21 -1.26 0.00	47.91 -1.38 0.00	49.78 -1.67 0.00	38.93 -1.67 0.00	52.45 -2.67 0.00	62.81 -3.58 0.00	66.78 -4.10 0.00	44.56 -3.19 0.00	40.60 -2.56 0.00	43.22 -3.27 0.00	48.39 -4.13 0.00	53.88 -3.82 0.00	53.37 -3.54 0.00	58.62 -3.35 0.00	67.74 -3.01 0.00	80.47 -2.69 0.00	100.60 -3.46 0.00	83.68 -3.14 0.00	54.42 -2.99 0.00	56.57 -3.53 0.00	48.69 -2.24 0.00	46.03 -1.93 0.00	42.17 -1.79 0.00
MCINTYRE_115KV_TB2 80467	51.78 2.56 0.00	53.33 2.85 0.00	52.03 2.75 0.00	54.03 2.57 0.00	42.28 1.68 0.00	57.10 1.98 0.00	68.42 2.03 0.00	73.17 2.29 0.00	49.81 2.06 0.00	44.55 1.39 0.00	48.24 1.75 0.00	54.50 1.98 0.00	59.77 2.07 0.00	59.17 2.25 0.00	62.35 0.38 0.00	70.00 -0.74 0.00	82.35 -0.81 0.00	103.89 -0.17 0.00	87.01 0.19 0.00	57.39 -0.03 0.00	59.71 -0.40 0.00	50.89 -0.05 0.00	47.96 0.00 0.00	45.10 1.14 0.00
MECO_____69_KV_BK1 80468	52.24 3.02 0.00	53.45 2.98 0.00	52.19 2.90 0.00	54.48 3.03 0.00	43.15 2.55 0.00	58.91 3.79 0.00	71.18 4.80 0.00	76.15 5.27 0.00	50.93 3.13 -0.05	71.97 2.25 -26.57	50.96 2.53 -1.95	62.62 3.53 -6.58	61.72 4.02 0.00	61.05 4.14 0.00	66.37 4.40 0.00	75.89 5.14 0.00	89.52 6.36 0.00	112.32 8.26 0.00	93.68 6.86 0.00	61.90 4.48 0.00	64.59 4.48 0.00	54.56 3.63 0.00	51.11 3.09 -0.07	46.66 2.69 0.00
MENANDS___115KV_TB5 355628	50.52 1.30 0.00	51.71 1.24 0.00	50.58 1.29 0.00	52.81 1.35 0.00	41.53 0.93 0.00	56.04 0.92 0.00	67.50 1.12 0.00	72.34 1.46 0.00	49.00 1.18 -0.07	82.11 0.92 -38.03	50.20 0.93 -2.78	63.06 1.13 -9.42	58.83 1.12 0.00	58.25 1.33 0.00	63.55 1.58 0.00	72.69 1.94 0.00	85.13 1.96 0.00	106.67 2.61 0.00	89.16 2.34 0.00	59.05 1.64 0.00	61.81 1.71 0.00	52.38 1.44 0.00	49.50 1.45 -0.09	45.16 1.19 0.00
MG INDUSTRY___DRP 24185	50.50 1.29 0.00	51.73 1.26 0.00	50.57 1.29 0.00	52.79 1.34 0.00	41.58 0.98 0.00	56.17 1.05 0.00	67.64 1.26 0.00	72.35 1.47 0.00	48.92 1.11 -0.06	77.32 0.78 -33.38	49.78 0.85 -2.44	61.89 1.10 -8.27	58.86 1.15 0.00	58.25 1.34 0.00	63.51 1.55 0.00	72.62 1.87 0.00	85.13 1.97 0.00	106.64 2.58 0.00	89.07 2.25 0.00	58.99 1.57 0.00	61.73 1.62 0.00	52.29 1.35 0.00	49.42 1.38 -0.08	45.14 1.18 0.00

MID___OSWEGATCHIE_HYD 23849	50.36 1.14 0.00	51.65 1.18 0.00	50.40 1.12 0.00	52.43 0.97 0.00	41.10 0.50 0.00	55.43 0.31 0.00	66.40 0.01 0.00	71.10 0.22 0.00	48.12 0.37 0.00	43.00 -0.16 0.00	46.48 -0.01 0.00	52.29 -0.23 0.00	57.29 -0.41 0.00	56.41 -0.50 0.00	59.89 -2.08 0.00	67.57 -3.18 0.00	79.43 -3.73 0.00	100.01 -4.06 0.00	83.93 -2.89 0.00	55.62 -1.80 0.00	57.99 -2.12 0.00	49.22 -1.71 0.00	46.22 -1.74 0.00	43.04 -0.92 0.00
MID___RAQUETTE_HYD 23851	50.77 1.55 0.00	52.25 1.78 0.00	50.98 1.70 0.00	52.93 1.48 0.00	41.36 0.76 0.00	55.34 0.22 0.00	65.82 -0.57 0.00	70.42 -0.46 0.00	48.01 0.26 0.00	43.07 -0.08 0.00	47.02 0.54 0.00	52.93 0.41 0.00	57.79 0.09 0.00	56.88 -0.03 0.00	59.82 -2.15 0.00	67.14 -3.60 0.00	78.67 -4.49 0.00	99.07 -4.99 0.00	83.03 -3.79 0.00	54.84 -2.58 0.00	57.21 -2.90 0.00	48.88 -2.05 0.00	46.21 -1.75 0.00	43.51 -0.45 0.00
MILLIKEN___1 23584	49.58 0.36 0.00	50.74 0.27 0.00	49.39 0.11 0.00	51.74 0.28 0.00	40.91 0.31 0.00	55.61 0.50 0.00	67.19 0.80 0.00	71.47 0.58 0.00	48.15 0.40 0.00	43.72 0.56 0.00	47.00 0.51 0.00	53.05 0.53 0.00	58.36 0.65 0.00	57.54 0.63 0.00	62.56 0.59 0.00	71.47 0.73 0.00	84.14 0.98 0.00	105.32 1.25 0.00	88.33 1.51 0.00	58.31 0.89 0.00	60.72 0.61 0.00	51.38 0.45 0.00	48.31 0.35 0.00	44.30 0.34 0.00
MILLIKEN___2 23585	49.58 0.36 0.00	50.74 0.27 0.00	49.39 0.11 0.00	51.74 0.28 0.00	40.91 0.31 0.00	55.61 0.50 0.00	67.19 0.80 0.00	71.47 0.58 0.00	48.15 0.40 0.00	43.72 0.56 0.00	47.00 0.51 0.00	53.05 0.53 0.00	58.36 0.65 0.00	57.54 0.63 0.00	62.56 0.59 0.00	71.47 0.73 0.00	84.14 0.98 0.00	105.32 1.25 0.00	88.33 1.51 0.00	58.31 0.89 0.00	60.72 0.61 0.00	51.38 0.45 0.00	48.31 0.35 0.00	44.30 0.34 0.00
MILLIKEN___DIESEL 23629	49.58 0.36 0.00	50.74 0.27 0.00	49.39 0.11 0.00	51.74 0.28 0.00	40.91 0.31 0.00	55.61 0.50 0.00	67.19 0.80 0.00	71.47 0.58 0.00	48.15 0.40 0.00	43.72 0.56 0.00	47.00 0.51 0.00	53.05 0.53 0.00	58.36 0.65 0.00	57.54 0.63 0.00	62.56 0.59 0.00	71.47 0.73 0.00	84.14 0.98 0.00	105.32 1.25 0.00	88.33 1.51 0.00	58.31 0.89 0.00	60.72 0.61 0.00	51.38 0.45 0.00	48.31 0.35 0.00	44.30 0.34 0.00
MILLSEAT___LFGE 323607	47.49 -1.73 0.00	48.21 -2.26 0.00	46.88 -2.40 0.00	49.01 -2.44 0.00	38.88 -1.72 0.00	52.75 -2.37 0.00	62.87 -3.52 0.00	66.61 -4.27 0.00	45.33 -2.42 0.00	41.70 -1.46 0.00	44.85 -1.64 0.00	50.54 -1.98 0.00	55.79 -1.91 0.00	54.78 -2.14 0.00	59.44 -2.53 0.00	68.13 -2.61 0.00	80.52 -2.64 0.00	95.94 -3.75 4.37	83.08 -3.74 0.00	54.08 -3.34 0.00	55.87 -4.23 0.00	47.62 -3.32 0.00	45.39 -2.57 0.00	42.25 -1.71 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	50.56 1.34 0.00	51.62 1.15 0.00	50.49 1.20 0.00	52.90 1.45 0.00	41.95 1.35 0.00	57.12 2.00 0.00	68.83 2.44 0.00	73.92 3.04 0.00	50.44 2.35 -0.33	221.02 1.96 -175.90	61.50 2.13 -12.88	99.73 2.30 -44.92	60.34 2.64 0.00	59.72 2.81 0.00	65.09 3.12 0.00	74.38 3.63 0.00	87.24 4.07 0.00	109.40 5.34 0.00	91.35 4.53 0.00	60.67 3.25 0.00	63.55 3.44 0.00	53.75 2.81 0.00	50.85 2.45 -0.44	46.03 2.06 0.00
MILLWOOD_13_KV_LOAD 356217	50.62 1.40 0.00	51.68 1.21 0.00	50.54 1.25 0.00	52.97 1.51 0.00	42.01 1.41 0.00	57.20 2.09 0.00	68.94 2.55 0.00	74.04 3.16 0.00	50.53 2.45 -0.33	221.09 2.03 -175.90	61.58 2.22 -12.88	99.82 2.38 -44.92	60.45 2.74 0.00	59.82 2.91 0.00	65.19 3.22 0.00	74.51 3.77 0.00	87.40 4.24 0.00	109.61 5.55 0.00	91.52 4.71 0.00	60.78 3.36 0.00	63.66 3.56 0.00	53.84 2.91 0.00	50.93 2.53 -0.44	46.09 2.13 0.00
MODEL_CITY_ENERGY 24167	46.01 -3.21 0.00	46.71 -3.76 0.00	45.40 -3.89 0.00	47.44 -4.02 0.00	37.63 -2.97 0.00	50.89 -4.23 0.00	60.26 -6.12 0.00	63.40 -7.48 0.00	43.08 -4.67 0.00	39.65 -3.51 0.00	42.62 -3.87 0.00	47.98 -4.54 0.00	53.04 -4.66 0.00	52.11 -4.80 0.00	56.61 -5.35 0.00	64.86 -5.88 0.00	76.52 -6.63 0.00	89.99 -8.90 5.17	78.75 -8.07 0.00	51.23 -6.19 0.00	52.89 -7.21 0.00	45.27 -5.66 0.00	43.49 -4.47 0.00	40.64 -3.32 0.00
MODERN_LFGE___ 323580	46.01 -3.21 0.00	46.71 -3.76 0.00	45.40 -3.89 0.00	47.44 -4.02 0.00	37.63 -2.97 0.00	50.89 -4.23 0.00	60.26 -6.12 0.00	63.40 -7.48 0.00	43.08 -4.67 0.00	39.65 -3.51 0.00	42.62 -3.87 0.00	47.98 -4.54 0.00	53.04 -4.66 0.00	52.11 -4.80 0.00	56.61 -5.35 0.00	64.86 -5.88 0.00	76.52 -6.63 0.00	89.99 -8.90 5.17	78.75 -8.07 0.00	51.23 -6.19 0.00	52.89 -7.21 0.00	45.27 -5.66 0.00	43.49 -4.47 0.00	40.64 -3.32 0.00
MOHAWK_PAPER___DRP 24187	50.70 1.48 0.00	51.90 1.42 0.00	50.75 1.46 0.00	52.98 1.53 0.00	41.73 1.12 0.00	56.39 1.27 0.00	67.95 1.57 0.00	72.83 1.95 0.00	49.31 1.49 -0.07	82.23 1.21 -37.87	50.47 1.21 -2.77	63.38 1.49 -9.38	59.25 1.54 0.00	58.66 1.75 0.00	63.99 2.02 0.00	73.19 2.45 0.00	85.75 2.59 0.00	107.47 3.41 0.00	89.84 3.03 0.00	59.49 2.07 0.00	62.23 2.12 0.00	52.70 1.77 0.00	49.75 1.70 -0.09	45.37 1.41 0.00
MOHICAN___35_KV_115KV_LD 80490	51.89 2.67 0.00	53.19 2.71 0.00	52.09 2.81 0.00	54.45 3.00 0.00	43.05 2.45 0.00	58.69 3.57 0.00	70.82 4.44 0.00	75.77 4.89 0.00	51.18 3.36 -0.07	82.74 2.91 -36.67	52.20 3.02 -2.69	65.06 3.46 -9.08	61.36 3.66 0.00	60.82 3.90 0.00	66.38 4.41 0.00	76.18 5.44 0.00	89.52 6.36 0.00	111.98 7.92 0.00	94.01 7.19 0.00	62.14 4.72 0.00	64.84 4.74 0.00	54.74 3.81 0.00	51.36 3.31 -0.09	46.70 2.74 0.00
MONGAUP___HYD 23641	50.92 1.70 0.00	52.01 1.54 0.00	50.83 1.54 0.00	53.24 1.78 0.00	42.18 1.58 0.00	57.48 2.36 0.00	69.46 3.08 0.00	74.56 3.68 0.00	49.78 2.45 0.42	-187.00 2.14 232.30	31.68 2.20 17.01	-1.52 2.53 56.57	60.52 2.81 0.00	59.93 3.02 0.00	65.31 3.34 0.00	74.71 3.96 0.00	87.77 4.61 0.00	110.11 6.05 0.00	91.91 5.09 0.00	60.90 3.49 0.00	63.72 3.62 0.00	53.81 2.88 0.00	49.83 2.44 0.57	46.02 2.05 0.00
MONTAUK___DIESEL 23721	53.09 3.87 0.00	53.94 3.47 0.00	52.74 3.45 0.00	55.47 4.01 0.00	44.19 3.58 0.00	60.56 5.44 0.00	73.39 7.01 0.00	78.59 7.70 0.00	53.58 5.51 -0.32	211.04 4.13 -163.75	63.15 4.68 -11.99	100.23 4.94 -42.77	63.48 5.78 0.00	62.58 5.67 0.00	68.66 6.69 0.00	78.58 7.83 0.00	92.23 9.07 0.00	116.13 12.06 0.00	96.10 9.28 0.00	68.44 5.90 -5.12	66.68 6.57 0.00	56.38 5.45 0.00	53.70 5.32 -0.42	48.13 4.17 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	47.85 -1.37 0.00	47.97 -2.50 0.00	46.74 -2.55 0.00	48.66 -2.80 0.00	38.46 -2.14 0.00	52.68 -2.44 0.00	63.64 -2.74 0.00	66.71 -4.17 0.00	44.68 -3.07 0.00	40.89 -2.27 0.00	43.89 -2.60 0.00	49.66 -2.86 0.00	55.31 -2.39 0.00	54.36 -2.55 0.00	58.82 -3.15 0.00	67.42 -3.32 0.00	78.03 -5.13 0.00	97.13 -6.93 0.00	80.84 -5.98 0.00	52.51 -4.90 0.00	54.21 -5.90 0.00	46.11 -4.82 0.00	44.10 -3.85 0.00	41.09 -2.87 0.00

MORRIS_RIDGE___SOLAR 323848	47.92 -1.30 0.00	48.69 -1.79 0.00	47.24 -2.05 0.00	49.28 -2.17 0.00	38.84 -1.76 0.00	52.54 -2.58 0.00	62.87 -3.52 0.00	66.49 -4.39 0.00	44.70 -3.05 0.00	40.92 -2.24 0.00	43.70 -2.79 0.00	49.07 -3.44 0.00	54.32 -3.39 0.00	53.51 -3.40 0.00	58.41 -3.56 0.00	67.26 -3.49 0.00	79.49 -3.68 0.00	99.11 -4.95 0.00	82.49 -4.33 0.00	53.79 -3.63 0.00	55.77 -4.34 0.00	47.62 -3.31 0.00	45.17 -2.79 0.00	41.84 -2.12 0.00
MORTIMER_115KV_TB3 55949	47.20 -2.02 0.00	48.08 -2.39 0.00	46.83 -2.46 0.00	48.96 -2.49 0.00	38.80 -1.80 0.00	52.64 -2.48 0.00	63.14 -3.25 0.00	67.04 -3.84 0.00	45.38 -2.37 0.00	41.46 -1.70 0.00	44.67 -1.82 0.00	50.49 -2.03 0.00	55.63 -2.07 0.00	54.82 -2.09 0.00	59.59 -2.38 0.00	68.01 -2.73 0.00	80.29 -2.87 0.00	100.20 -3.86 0.00	83.21 -3.60 0.00	54.48 -2.93 0.00	56.51 -3.59 0.00	47.95 -2.98 0.00	45.39 -2.56 0.00	41.99 -1.97 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	50.68 1.47 0.00	51.73 1.26 0.00	50.61 1.32 0.00	53.06 1.60 0.00	42.10 1.50 0.00	57.32 2.20 0.00	69.01 2.62 0.00	74.18 3.30 0.00	50.69 2.63 -0.32	209.27 2.18 -163.93	60.86 2.37 -12.00	97.92 2.58 -42.82	60.74 3.03 0.00	60.07 3.16 0.00	65.48 3.52 0.00	74.85 4.11 0.00	87.77 4.61 0.00	110.08 6.01 0.00	91.88 5.06 0.00	61.03 3.61 0.00	63.93 3.82 0.00	54.11 3.17 0.00	51.21 2.82 -0.42	46.37 2.41 0.00
MUNSVILLE_WIND_PWR 323609	53.09 3.87 0.00	54.32 3.85 0.00	52.95 3.67 0.00	55.40 3.94 0.00	43.67 3.06 0.00	59.08 3.96 0.00	71.84 5.45 0.00	78.97 8.08 0.00	52.32 4.64 0.07	6.72 4.39 40.83	48.11 4.61 2.99	47.65 5.24 10.10	63.81 6.11 0.00	61.54 4.62 0.00	67.08 5.11 0.00	76.88 6.14 0.00	92.44 9.27 0.00	118.89 13.82 -1.00	94.49 7.67 0.00	62.32 4.91 0.00	64.97 4.86 0.00	54.95 4.02 0.00	51.46 3.54 0.04	47.15 3.19 0.00
N SALMON___HYD 24042	51.72 2.50 0.00	53.20 2.73 0.00	51.89 2.60 0.00	53.91 2.46 0.00	42.34 1.74 0.00	57.32 2.20 0.00	68.75 2.37 0.00	72.96 2.08 0.00	49.12 1.38 0.00	44.24 1.08 0.00	47.76 1.28 0.00	53.98 1.46 0.00	58.91 1.20 0.00	57.64 0.73 0.00	61.98 0.02 0.00	70.64 -0.11 0.00	83.33 0.17 0.00	104.43 0.37 0.00	87.26 0.44 0.00	57.39 -0.02 0.00	60.07 -0.03 0.00	51.12 0.19 0.00	48.29 0.33 0.00	44.69 0.73 0.00
N.AKRON__115KV_KNAPP 355671	47.17 -2.05 0.00	47.90 -2.58 0.00	46.56 -2.72 0.00	48.67 -2.79 0.00	38.61 -1.99 0.00	52.33 -2.78 0.00	62.27 -4.11 0.00	65.94 -4.95 0.00	44.87 -2.88 0.00	41.26 -1.90 0.00	44.38 -2.11 0.00	50.00 -2.52 0.00	55.23 -2.47 0.00	54.20 -2.71 0.00	58.81 -3.16 0.00	67.45 -3.29 0.00	79.71 -3.45 0.00	99.23 -4.84 0.00	82.17 -4.65 0.00	53.47 -3.95 0.00	55.24 -4.87 0.00	47.10 -3.83 0.00	44.99 -2.97 0.00	41.93 -2.03 0.00
N.BELMOR_69_KV_BK1 55787	51.41 2.19 0.00	52.23 1.76 0.00	51.12 1.83 0.00	53.66 2.20 0.00	42.64 2.03 0.00	58.08 2.97 0.00	69.89 3.50 0.00	74.87 3.98 0.00	51.19 3.13 -0.32	209.34 2.44 -163.75	61.43 2.96 -11.99	98.26 2.98 -42.77	61.17 3.47 0.00	60.39 3.48 0.00	66.05 4.08 0.00	75.53 4.79 0.00	88.46 5.30 0.00	111.29 7.23 0.00	93.10 6.28 0.00	67.09 4.55 -5.12	64.78 4.67 0.00	54.92 3.98 0.00	51.75 3.37 -0.42	46.89 2.93 0.00
N.E_GEN_SANDY PD 24062	51.04 1.67 -0.16	52.06 1.59 0.00	54.81 1.67 -3.86	54.55 1.83 -1.26	55.66 1.52 -13.54	88.97 2.03 -31.82	68.97 2.37 -0.21	88.00 2.85 -14.27	68.21 2.20 -18.27	140.79 1.83 -95.80	54.10 1.85 -5.76	74.42 2.09 -19.82	59.04 2.11 0.77	60.13 2.40 -0.82	64.68 2.71 0.00	75.15 3.29 -1.12	85.55 3.45 1.06	108.60 4.54 0.00	90.81 4.00 0.00	60.42 2.84 -0.16	63.37 2.98 -0.29	55.00 2.47 -1.59	48.58 2.21 1.58	45.82 1.86 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	50.35 1.13 0.00	51.41 0.94 0.00	50.28 0.99 0.00	52.71 1.25 0.00	41.80 1.20 0.00	56.93 1.81 0.00	68.69 2.31 0.00	73.79 2.91 0.00	49.41 2.21 0.54	-526.98 1.87 572.01	6.45 2.03 42.07	-18.52 2.12 73.16	60.14 2.43 0.00	59.50 2.58 0.00	64.87 2.91 0.00	74.10 3.36 0.00	86.91 3.75 0.00	109.00 4.94 0.00	90.97 4.15 0.00	60.38 2.96 0.00	63.25 3.15 0.00	53.49 2.55 0.00	49.41 2.16 0.71	45.79 1.83 0.00
N.QUEENS_27_KV_LOAD 356247	50.83 1.62 0.00	51.76 1.29 0.00	50.73 1.44 0.00	53.28 1.82 0.00	42.24 1.63 0.00	57.57 2.45 0.00	69.14 2.76 0.00	74.42 3.54 0.00	50.92 2.86 -0.32	209.40 2.25 -164.00	61.05 2.55 -12.00	98.17 2.81 -42.84	61.04 3.33 0.00	60.32 3.41 0.00	65.76 3.79 0.00	75.16 4.41 0.00	88.09 4.94 0.00	110.54 6.48 0.00	92.24 5.42 0.00	61.35 3.94 0.00	64.15 4.05 0.00	54.26 3.33 0.00	51.36 2.98 -0.42	46.54 2.58 0.00
N.TROY___115KV_TB1 355778	51.03 1.81 0.00	52.24 1.77 0.00	51.12 1.83 0.00	53.41 1.95 0.00	42.16 1.56 0.00	57.14 2.02 0.00	68.81 2.43 0.00	73.69 2.80 0.00	49.85 2.03 -0.07	84.31 1.72 -39.42	51.09 1.72 -2.89	64.30 2.02 -9.76	59.76 2.06 0.00	59.21 2.30 0.00	64.59 2.63 0.00	73.96 3.22 0.00	86.58 3.41 0.00	108.47 4.40 0.00	90.78 3.97 0.00	60.12 2.71 0.00	62.92 2.82 0.00	53.23 2.30 0.00	50.14 2.09 -0.10	45.70 1.74 0.00
NARROWS_GT1_1 24228	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
NARROWS_GT1_2 24229	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
NARROWS_GT1_3 24230	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
NARROWS_GT1_4 24231	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00

NARROWS_GT1_5 24232	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
NARROWS_GT1_6 24233	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
NARROWS_GT1_7 24234	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
NARROWS_GT1_8 24235	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
NARROWS_GT2_1 24236	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
NARROWS_GT2_2 24237	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
NARROWS_GT2_3 24238	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
NARROWS_GT2_4 24239	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
NARROWS_GT2_5 24240	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
NARROWS_GT2_6 24241	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
NARROWS_GT2_7 24242	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
NARROWS_GT2_8 24243	50.97 1.76 0.00	52.00 1.53 0.00	50.89 1.60 0.00	53.35 1.89 0.00	42.32 1.72 0.00	57.64 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.08 3.38 0.00	60.40 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.17 5.01 0.00	110.59 6.53 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.52 0.00	51.55 3.17 -0.42	46.71 2.75 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.78 2.56 0.00	53.01 2.53 0.00	51.81 2.53 0.00	54.10 2.64 0.00	42.56 1.96 0.00	57.52 2.40 0.00	69.51 3.12 0.00	74.62 3.74 0.00	50.43 2.63 -0.04	67.69 1.84 -22.69	50.15 2.00 -1.66	60.80 2.63 -5.65	60.67 2.96 0.00	60.07 3.16 0.00	65.56 3.59 0.00	75.03 4.28 0.00	88.15 4.99 0.00	110.46 6.40 0.00	92.25 5.43 0.00	60.91 3.50 0.00	63.62 3.52 0.00	53.79 2.86 0.00	50.72 2.71 -0.05	46.28 2.32 0.00
NCHELSEA_115KV_TR2 355582	51.19 1.98 0.00	52.27 1.80 0.00	51.10 1.81 0.00	53.54 2.08 0.00	42.45 1.84 0.00	57.83 2.71 0.00	69.80 3.42 0.00	74.99 4.11 0.00	50.78 3.03 0.00	45.75 2.59 0.00	49.30 2.81 0.00	55.62 3.10 0.00	61.19 3.48 0.00	60.56 3.65 0.00	66.03 4.06 0.00	75.48 4.74 0.00	88.61 5.45 0.00	111.13 7.06 0.00	92.73 5.91 0.00	61.54 4.12 0.00	64.37 4.26 0.00	54.41 3.48 0.00	50.97 3.01 0.00	46.51 2.55 0.00
NEG CAPITAL___MECHNVIL 23645	51.75 2.53 0.00	53.00 2.52 0.00	51.86 2.57 0.00	54.21 2.75 0.00	42.82 2.22 0.00	58.21 3.09 0.00	70.24 3.85 0.00	75.19 4.31 0.00	50.79 2.97 -0.07	83.71 2.56 -38.00	51.90 2.63 -2.78	65.03 3.10 -9.41	61.05 3.34 0.00	60.47 3.56 0.00	66.05 4.09 0.00	75.71 4.97 0.00	88.80 5.64 0.00	111.22 7.16 0.00	93.12 6.30 0.00	61.59 4.18 0.00	64.37 4.26 0.00	54.37 3.43 0.00	51.09 3.04 -0.09	46.54 2.58 0.00

NEG CENTRAL_HIGH_ACRES 23767	46.66 -2.56 0.00	47.56 -2.92 0.00	46.34 -2.95 0.00	48.46 -3.00 0.00	38.40 -2.20 0.00	52.14 -2.98 0.00	62.70 -3.68 0.00	66.69 -4.19 0.00	45.05 -2.70 0.00	41.13 -2.03 0.00	44.28 -2.21 0.00	49.97 -2.55 0.00	55.07 -2.64 0.00	54.27 -2.64 0.00	58.97 -3.00 0.00	67.40 -3.34 0.00	79.55 -3.61 0.00	97.29 -4.78 1.99	82.52 -4.30 0.00	54.13 -3.29 0.00	56.19 -3.91 0.00	47.62 -3.31 0.00	45.02 -2.94 0.00	41.54 -2.43 0.00
NEG CENTRAL___DRP 24199	48.48 -0.74 0.00	49.53 -0.95 0.00	48.18 -1.10 0.00	50.44 -1.02 0.00	39.99 -0.61 0.00	54.25 -0.87 0.00	65.49 -0.90 0.00	69.71 -1.17 0.00	47.00 -0.75 0.00	42.79 -0.37 0.00	45.99 -0.50 0.00	51.78 -0.74 0.00	57.05 -0.66 0.00	56.27 -0.64 0.00	61.19 -0.78 0.00	69.96 -0.78 0.00	82.49 -0.67 0.00	103.06 -1.01 0.00	85.97 -0.84 0.00	56.56 -0.86 0.00	58.80 -1.30 0.00	49.85 -1.08 0.00	47.01 -0.95 0.00	43.17 -0.79 0.00
NEG CENTRAL___INDECK 23768	49.23 0.01 0.00	50.02 -0.46 0.00	48.66 -0.63 0.00	50.77 -0.68 0.00	40.15 -0.45 0.00	54.47 -0.64 0.00	65.48 -0.90 0.00	69.58 -1.31 0.00	46.96 -0.79 0.00	42.97 -0.19 0.00	46.08 -0.41 0.00	51.77 -0.75 0.00	57.04 -0.67 0.00	56.18 -0.74 0.00	61.21 -0.76 0.00	70.54 -0.21 0.00	83.56 0.40 0.00	104.43 0.37 0.00	86.79 -0.02 0.00	56.62 -0.80 0.00	58.63 -1.47 0.00	49.89 -1.05 0.00	47.10 -0.86 0.00	43.42 -0.54 0.00
NEG CENTRAL___SENECA 23627	48.52 -0.70 0.00	49.52 -0.96 0.00	48.16 -1.13 0.00	50.39 -1.07 0.00	40.00 -0.60 0.00	54.16 -0.96 0.00	65.38 -1.01 0.00	69.56 -1.32 0.00	46.88 -0.86 0.00	42.78 -0.38 0.00	45.92 -0.57 0.00	51.62 -0.90 0.00	56.92 -0.78 0.00	56.11 -0.81 0.00	61.07 -0.90 0.00	69.90 -0.84 0.00	82.48 -0.68 0.00	102.94 -1.13 0.00	85.84 -0.98 0.00	56.39 -1.03 0.00	58.51 -1.59 0.00	49.67 -1.26 0.00	46.88 -1.08 0.00	43.11 -0.85 0.00
NEG CENTRAL___STATE_STREET 24147	48.85 -0.37 0.00	49.99 -0.48 0.00	48.54 -0.74 0.00	50.95 -0.50 0.00	40.33 -0.27 0.00	54.81 -0.30 0.00	66.20 -0.18 0.00	70.30 -0.59 0.00	47.54 -0.21 0.00	43.19 0.03 0.00	46.47 -0.02 0.00	52.45 -0.07 0.00	57.75 0.05 0.00	56.94 0.03 0.00	61.75 -0.21 0.00	70.47 -0.27 0.00	83.16 0.00 0.00	104.13 0.06 0.00	86.91 0.09 0.00	57.32 -0.09 0.00	59.74 -0.37 0.00	50.57 -0.36 0.00	47.58 -0.38 0.00	43.65 -0.30 0.00
NEG MILLWOOD___DRP 24198	51.24 2.03 0.00	52.32 1.85 0.00	51.16 1.88 0.00	53.62 2.16 0.00	42.52 1.92 0.00	57.95 2.83 0.00	69.94 3.55 0.00	75.15 4.26 0.00	51.09 3.20 -0.14	123.94 2.71 -78.07	55.14 2.94 -5.72	75.22 3.23 -19.47	61.36 3.66 0.00	60.73 3.82 0.00	66.20 4.23 0.00	75.69 4.95 0.00	88.86 5.70 0.00	111.51 7.44 0.00	93.05 6.23 0.00	61.73 4.32 0.00	64.58 4.47 0.00	54.59 3.66 0.00	51.33 3.18 -0.19	46.66 2.70 0.00
NEG NORTH_FLCN_SEA 23793	51.36 2.14 0.00	52.83 2.35 0.00	51.53 2.24 0.00	53.66 2.20 0.00	42.26 1.65 0.00	57.38 2.26 0.00	69.00 2.61 0.00	73.02 2.14 0.00	48.88 1.14 0.00	44.04 0.89 0.00	47.27 0.78 0.00	53.43 0.91 0.00	58.24 0.53 0.00	57.03 0.12 0.00	61.72 -0.25 0.00	70.64 -0.11 0.00	83.30 0.14 0.00	104.22 0.15 0.00	87.09 0.27 0.00	57.29 -0.12 0.00	60.03 -0.07 0.00	51.04 0.10 0.00	48.17 0.21 0.00	44.22 0.26 0.00
NEG NORTH_KES_CHATEGAY 23792	51.18 1.96 0.00	52.66 2.19 0.00	51.37 2.08 0.00	53.41 1.95 0.00	41.99 1.38 0.00	56.99 1.87 0.00	68.47 2.08 0.00	72.56 1.68 0.00	48.50 0.75 0.00	43.66 0.50 0.00	47.00 0.51 0.00	53.27 0.75 0.00	58.08 0.37 0.00	56.68 -0.23 0.00	61.32 -0.65 0.00	70.24 -0.51 0.00	82.96 -0.21 0.00	103.75 -0.32 0.00	86.62 -0.19 0.00	56.99 -0.43 0.00	59.80 -0.31 0.00	50.89 -0.04 0.00	48.11 0.15 0.00	44.30 0.34 0.00
NEG NORTH___ALICE_FALLS 23915	51.74 2.52 0.00	53.19 2.72 0.00	51.87 2.59 0.00	54.00 2.54 0.00	42.52 1.92 0.00	57.75 2.64 0.00	69.48 3.10 0.00	73.55 2.66 0.00	49.29 1.54 0.00	44.42 1.27 0.00	47.70 1.21 0.00	53.93 1.41 0.00	58.80 1.10 0.00	57.56 0.64 0.00	62.28 0.31 0.00	71.29 0.55 0.00	84.15 0.99 0.00	105.36 1.29 0.00	88.04 1.22 0.00	57.90 0.48 0.00	60.61 0.50 0.00	51.50 0.57 0.00	48.61 0.65 0.00	44.65 0.69 0.00
NEG NORTH___LWR_SARANAC 23913	51.74 2.52 0.00	53.19 2.72 0.00	51.87 2.59 0.00	54.00 2.54 0.00	42.52 1.92 0.00	57.75 2.64 0.00	69.48 3.10 0.00	73.55 2.66 0.00	49.29 1.54 0.00	44.42 1.27 0.00	47.70 1.21 0.00	53.93 1.41 0.00	58.80 1.10 0.00	57.56 0.64 0.00	62.28 0.31 0.00	71.29 0.55 0.00	84.15 0.99 0.00	105.36 1.29 0.00	88.04 1.22 0.00	57.90 0.48 0.00	60.61 0.50 0.00	51.50 0.57 0.00	48.61 0.65 0.00	44.65 0.69 0.00
NEG NORTH___PLATTSBURG 23628	51.74 2.52 0.00	53.19 2.72 0.00	51.87 2.58 0.00	54.00 2.54 0.00	42.52 1.92 0.00	57.76 2.64 0.00	69.48 3.10 0.00	73.54 2.65 0.00	49.29 1.54 0.00	44.43 1.27 0.00	47.69 1.21 0.00	53.93 1.41 0.00	58.80 1.10 0.00	57.55 0.64 0.00	62.28 0.31 0.00	71.29 0.55 0.00	84.15 0.99 0.00	105.36 1.29 0.00	88.04 1.22 0.00	57.90 0.48 0.00	60.61 0.50 0.00	51.50 0.57 0.00	48.61 0.65 0.00	44.65 0.68 0.00
NEG WEST_LEA_LOCKPORT 23791	46.48 -2.74 0.00	47.19 -3.29 0.00	45.85 -3.43 0.00	47.91 -3.55 0.00	37.99 -2.61 0.00	51.39 -3.72 0.00	61.00 -5.39 0.00	64.39 -6.49 0.00	43.82 -3.93 0.00	40.33 -2.83 0.00	43.34 -3.15 0.00	48.82 -3.70 0.00	53.97 -3.74 0.00	53.01 -3.90 0.00	57.56 -4.41 0.00	65.97 -4.78 0.00	77.87 -5.29 0.00	96.90 -7.16 0.00	80.22 -6.60 0.00	52.18 -5.24 0.00	53.87 -6.23 0.00	46.03 -4.90 0.00	44.09 -3.87 0.00	41.17 -2.79 0.00
NEG WEST___LANCASTER 23811	49.04 -0.18 0.00	49.82 -0.66 0.00	48.48 -0.81 0.00	50.74 -0.72 0.00	40.18 -0.42 0.00	54.32 -0.80 0.00	64.58 -1.80 0.00	68.24 -2.64 0.00	46.25 -1.50 0.00	42.54 -0.62 0.00	45.78 -0.71 0.00	51.53 -0.99 0.00	57.01 -0.69 0.00	56.04 -0.87 0.00	60.88 -1.09 0.00	69.64 -1.11 0.00	82.04 -1.12 0.00	102.16 -1.90 0.00	84.85 -1.97 0.00	55.33 -2.09 0.00	57.24 -2.86 0.00	48.75 -2.19 0.00	46.38 -1.58 0.00	43.34 -0.62 0.00
NEG_PENN_ALLEGHNY 23528	48.93 -0.29 0.00	50.10 -0.38 0.00	48.81 -0.48 0.00	51.08 -0.37 0.00	40.35 -0.25 0.00	54.80 -0.32 0.00	66.08 -0.30 0.00	70.45 -0.43 0.00	47.43 -0.28 0.04	23.32 -0.01 19.83	44.89 -0.15 1.45	47.40 -0.21 4.90	57.70 -0.01 0.00	56.85 -0.06 0.00	61.89 -0.08 0.00	70.76 0.02 0.00	83.24 0.08 0.00	105.35 0.05 -1.24	87.07 0.25 0.00	57.51 0.10 0.00	59.87 -0.23 0.00	50.71 -0.23 0.00	47.72 -0.20 0.04	43.85 -0.11 0.00
NEG___GEN_MONROE 24207	47.54 -1.68 0.00	48.39 -2.09 0.00	47.11 -2.18 0.00	49.26 -2.20 0.00	39.05 -1.56 0.00	52.99 -2.13 0.00	63.55 -2.83 0.00	67.48 -3.41 0.00	45.71 -2.04 0.00	41.81 -1.35 0.00	45.04 -1.45 0.00	50.88 -1.64 0.00	56.06 -1.65 0.00	55.21 -1.71 0.00	59.98 -1.99 0.00	68.52 -2.22 0.00	80.95 -2.21 0.00	101.01 -3.05 0.00	83.84 -2.98 0.00	54.84 -2.57 0.00	56.82 -3.29 0.00	48.23 -2.71 0.00	45.69 -2.27 0.00	42.29 -1.67 0.00

NEPA__ENERGY 23901	47.63 -1.59 0.00	48.15 -2.32 0.00	46.81 -2.48 0.00	48.86 -2.59 0.00	38.72 -1.89 0.00	52.60 -2.52 0.00	62.80 -3.58 0.00	66.20 -4.69 0.00	44.66 -3.09 0.00	41.03 -2.13 0.00	44.08 -2.42 0.00	49.69 -2.83 0.00	55.02 -2.68 0.00	54.11 -2.80 0.00	58.75 -3.22 0.00	67.27 -3.47 0.00	78.90 -4.26 0.00	98.19 -5.87 0.00	81.50 -5.32 0.00	53.05 -4.37 0.00	54.82 -5.29 0.00	46.74 -4.20 0.00	44.59 -3.37 0.00	41.58 -2.39 0.00
NEVERSink__HYD 23608	51.61 2.39 0.00	52.72 2.24 0.00	51.52 2.24 0.00	53.99 2.53 0.00	42.80 2.19 0.00	58.39 3.27 0.00	70.57 4.19 0.00	75.81 4.93 0.00	51.05 3.44 0.14	-29.93 3.03 76.12	44.23 3.31 5.57	37.39 3.63 18.76	61.81 4.11 0.00	61.15 4.23 0.00	66.65 4.68 0.00	76.20 5.45 0.00	89.61 6.45 0.00	112.37 8.30 0.00	93.60 6.78 0.00	62.03 4.62 0.00	64.85 4.75 0.00	54.76 3.82 0.00	51.03 3.27 0.20	46.78 2.82 0.00
NEWKRMKL_115KV_TB1 55635	50.46 1.24 0.00	51.66 1.19 0.00	50.51 1.23 0.00	52.71 1.25 0.00	41.38 0.77 0.00	55.75 0.64 0.00	67.20 0.82 0.00	72.00 1.11 0.00	48.76 0.94 -0.07	81.28 0.70 -37.41	49.94 0.71 -2.74	62.68 0.89 -9.27	58.62 0.91 0.00	58.01 1.10 0.00	63.28 1.31 0.00	72.37 1.63 0.00	84.82 1.66 0.00	106.28 2.21 0.00	88.80 1.98 0.00	58.81 1.40 0.00	61.54 1.44 0.00	52.17 1.24 0.00	49.35 1.30 -0.09	45.03 1.07 0.00
NEWTON__FALLS_HYD 23847	50.36 1.14 0.00	51.65 1.18 0.00	50.40 1.12 0.00	52.43 0.97 0.00	41.10 0.50 0.00	55.43 0.31 0.00	66.40 0.01 0.00	71.10 0.22 0.00	48.12 0.37 0.00	43.00 -0.16 0.00	46.48 -0.01 0.00	52.29 -0.23 0.00	57.29 -0.41 0.00	56.41 -0.50 0.00	59.89 -2.08 0.00	67.57 -3.18 0.00	79.43 -3.73 0.00	100.01 -4.06 0.00	83.93 -2.89 0.00	55.62 -1.80 0.00	57.99 -2.12 0.00	49.22 -1.71 0.00	46.22 -1.74 0.00	43.04 -0.92 0.00
NGRID_A1_DSASP 323792	45.57 -3.66 0.00	46.24 -4.24 0.00	44.93 -4.35 0.00	46.93 -4.53 0.00	37.26 -3.34 0.00	50.34 -4.78 0.00	59.70 -6.68 0.00	62.85 -8.03 0.00	42.66 -5.09 0.00	39.27 -3.88 0.00	42.24 -4.25 0.00	47.56 -4.96 0.00	52.58 -5.12 0.00	51.70 -5.21 0.00	56.19 -5.78 0.00	64.34 -6.40 0.00	75.92 -7.25 0.00	88.91 -9.75 5.40	78.02 -8.80 0.00	50.76 -6.66 0.00	52.40 -7.70 0.00	44.84 -6.09 0.00	42.95 -5.01 0.00	40.30 -3.66 0.00
NGRID_A2_DSASP 323793	45.57 -3.66 0.00	46.24 -4.24 0.00	44.93 -4.35 0.00	46.93 -4.53 0.00	37.26 -3.34 0.00	50.34 -4.78 0.00	59.70 -6.68 0.00	62.85 -8.03 0.00	42.66 -5.09 0.00	39.27 -3.88 0.00	42.24 -4.25 0.00	47.56 -4.96 0.00	52.58 -5.12 0.00	51.70 -5.21 0.00	56.19 -5.78 0.00	64.34 -6.40 0.00	75.92 -7.25 0.00	88.91 -9.75 5.40	78.02 -8.80 0.00	50.76 -6.66 0.00	52.40 -7.70 0.00	44.84 -6.09 0.00	42.95 -5.01 0.00	40.30 -3.66 0.00
NGRID_A4_DSASP 323807	45.57 -3.66 0.00	46.24 -4.24 0.00	44.93 -4.35 0.00	46.93 -4.53 0.00	37.26 -3.34 0.00	50.34 -4.78 0.00	59.70 -6.68 0.00	62.85 -8.03 0.00	42.66 -5.09 0.00	39.27 -3.88 0.00	42.24 -4.25 0.00	47.56 -4.96 0.00	52.58 -5.12 0.00	51.70 -5.21 0.00	56.19 -5.78 0.00	64.34 -6.40 0.00	75.92 -7.25 0.00	88.91 -9.75 5.40	78.02 -8.80 0.00	50.76 -6.66 0.00	52.40 -7.70 0.00	44.84 -6.09 0.00	42.95 -5.01 0.00	40.30 -3.66 0.00
NIAGARA_115E_LBMP 323715	45.73 -3.49 0.00	46.43 -4.04 0.00	45.14 -4.15 0.00	47.15 -4.31 0.00	37.41 -3.19 0.00	50.58 -4.54 0.00	59.82 -6.56 0.00	62.76 -8.12 0.00	42.59 -5.16 0.00	39.20 -3.96 0.00	42.12 -4.37 0.00	47.42 -5.10 0.00	52.43 -5.28 0.00	51.53 -5.38 0.00	55.99 -5.98 0.00	64.12 -6.63 0.00	75.66 -7.50 0.00	88.66 -10.02 5.38	77.78 -9.03 0.00	50.60 -6.82 0.00	52.23 -7.87 0.00	44.75 -6.18 0.00	43.09 -4.87 0.00	40.29 -3.67 0.00
NIAGARA_115W_LBMP 323714	45.48 -3.74 0.00	46.14 -4.34 0.00	44.84 -4.44 0.00	46.83 -4.63 0.00	37.19 -3.42 0.00	50.23 -4.88 0.00	59.58 -6.81 0.00	62.71 -8.17 0.00	42.57 -5.18 0.00	39.19 -3.97 0.00	42.14 -4.35 0.00	47.45 -5.07 0.00	52.46 -5.24 0.00	51.59 -5.32 0.00	56.07 -5.90 0.00	64.20 -6.54 0.00	75.75 -7.41 0.00	88.70 -9.95 5.41	77.85 -8.97 0.00	50.64 -6.77 0.00	52.29 -7.82 0.00	44.74 -6.19 0.00	42.86 -5.10 0.00	40.23 -3.73 0.00
NIAGARA_230_LBMP 323716	45.88 -3.34 0.00	46.59 -3.88 0.00	45.31 -3.98 0.00	47.34 -4.12 0.00	37.54 -3.06 0.00	50.72 -4.40 0.00	60.19 -6.19 0.00	63.36 -7.53 0.00	42.98 -4.77 0.00	39.54 -3.62 0.00	42.52 -3.97 0.00	47.89 -4.63 0.00	52.94 -4.77 0.00	52.06 -4.85 0.00	56.57 -5.40 0.00	64.78 -5.96 0.00	76.43 -6.73 0.00	89.67 -8.98 5.42	78.71 -8.11 0.00	51.22 -6.19 0.00	52.92 -7.19 0.00	45.24 -5.69 0.00	43.29 -4.67 0.00	40.47 -3.49 0.00
NIAGARA__115KV_198_GIBSON 55903	45.48 -3.74 0.00	46.14 -4.34 0.00	44.84 -4.45 0.00	46.83 -4.63 0.00	37.19 -3.42 0.00	50.24 -4.88 0.00	59.58 -6.81 0.00	62.72 -8.16 0.00	42.57 -5.18 0.00	39.17 -3.99 0.00	42.12 -4.37 0.00	47.44 -5.07 0.00	52.45 -5.25 0.00	51.59 -5.33 0.00	56.07 -5.90 0.00	64.20 -6.54 0.00	75.76 -7.40 0.00	94.10 -9.97 0.00	77.86 -8.96 0.00	50.65 -6.77 0.00	52.29 -7.81 0.00	44.73 -6.20 0.00	42.86 -5.10 0.00	40.24 -3.72 0.00
NIAGARA____ 23760	45.88 -3.34 0.00	46.59 -3.88 0.00	45.31 -3.98 0.00	47.34 -4.12 0.00	37.54 -3.06 0.00	50.72 -4.40 0.00	60.19 -6.19 0.00	63.36 -7.53 0.00	42.98 -4.77 0.00	39.54 -3.62 0.00	42.52 -3.97 0.00	47.89 -4.63 0.00	52.94 -4.77 0.00	52.06 -4.85 0.00	56.57 -5.40 0.00	64.78 -5.96 0.00	76.43 -6.73 0.00	89.68 -8.98 5.40	78.71 -8.11 0.00	51.22 -6.19 0.00	52.92 -7.19 0.00	45.24 -5.69 0.00	43.29 -4.67 0.00	40.47 -3.49 0.00
NINE_MILE_1 23575	47.20 -2.02 0.00	48.33 -2.15 0.00	47.15 -2.13 0.00	49.28 -2.17 0.00	38.94 -1.66 0.00	52.87 -2.25 0.00	63.70 -2.68 0.00	68.00 -2.88 0.00	45.85 -1.90 0.00	41.53 -1.62 0.00	44.71 -1.78 0.00	50.48 -2.04 0.00	55.52 -2.19 0.00	54.76 -2.15 0.00	59.60 -2.36 0.00	68.07 -2.67 0.00	80.03 -3.14 0.00	100.15 -3.91 0.00	83.53 -3.29 0.00	55.20 -2.22 0.00	57.64 -2.47 0.00	48.83 -2.11 0.00	45.98 -1.98 0.00	42.17 -1.79 0.00
NINE_MILE_2 23744	47.20 -2.02 0.00	48.33 -2.15 0.00	47.15 -2.13 0.00	49.28 -2.17 0.00	38.94 -1.66 0.00	52.87 -2.25 0.00	63.70 -2.68 0.00	68.00 -2.88 0.00	45.85 -1.90 0.00	41.53 -1.62 0.00	44.71 -1.78 0.00	50.48 -2.04 0.00	55.52 -2.19 0.00	54.76 -2.15 0.00	59.61 -2.36 0.00	68.07 -2.67 0.00	80.03 -3.14 0.00	100.15 -3.91 0.00	83.53 -3.29 0.00	55.20 -2.22 0.00	57.64 -2.47 0.00	48.83 -2.11 0.00	45.98 -1.98 0.00	42.17 -1.79 0.00
NM_CAPITAL__DRP 24208	50.46 1.24 0.00	51.66 1.19 0.00	50.52 1.24 0.00	52.74 1.28 0.00	41.45 0.85 0.00	55.90 0.78 0.00	67.34 0.96 0.00	72.14 1.26 0.00	48.87 1.05 -0.07	82.18 0.82 -38.21	50.10 0.81 -2.80	62.97 0.99 -9.46	58.68 0.98 0.00	58.11 1.20 0.00	63.39 1.42 0.00	72.50 1.76 0.00	84.92 1.75 0.00	106.40 2.34 0.00	88.93 2.11 0.00	58.91 1.50 0.00	61.67 1.57 0.00	52.25 1.32 0.00	49.41 1.36 -0.09	45.07 1.11 0.00

NM_CENTRAL___DRP 24181	48.02 -1.20 0.00	49.13 -1.34 0.00	47.94 -1.35 0.00	50.13 -1.33 0.00	39.70 -0.90 0.00	53.95 -1.17 0.00	65.09 -1.30 0.00	69.50 -1.38 0.00	46.87 -0.88 0.00	42.50 -0.66 0.00	45.74 -0.75 0.00	51.64 -0.88 0.00	56.82 -0.88 0.00	56.06 -0.85 0.00	61.01 -0.96 0.00	69.70 -1.04 0.00	81.92 -1.24 0.00	102.45 -1.61 0.00	85.43 -1.39 0.00	56.42 -0.99 0.00	58.85 -1.25 0.00	49.82 -1.11 0.00	46.91 -1.05 0.00	43.00 -0.96 0.00
NM_FRONTIER___DRP 24179	45.48 -3.74 0.00	46.14 -4.34 0.00	44.84 -4.45 0.00	46.83 -4.63 0.00	37.19 -3.42 0.00	50.24 -4.88 0.00	59.58 -6.81 0.00	62.72 -8.16 0.00	42.57 -5.18 0.00	39.17 -3.99 0.00	42.12 -4.37 0.00	47.44 -5.07 0.00	52.45 -5.25 0.00	51.59 -5.33 0.00	56.07 -5.90 0.00	64.20 -6.54 0.00	75.76 -7.40 0.00	94.10 -9.97 0.00	77.86 -8.96 0.00	50.65 -6.77 0.00	52.29 -7.81 0.00	44.73 -6.20 0.00	42.86 -5.10 0.00	40.24 -3.72 0.00
NM_ST_REGIS___HYD 24053	51.09 1.87 0.00	52.57 2.09 0.00	51.29 2.00 0.00	53.25 1.79 0.00	41.66 1.06 0.00	55.93 0.82 0.00	66.68 0.30 0.00	71.16 0.28 0.00	48.35 0.60 0.00	43.42 0.27 0.00	47.27 0.78 0.00	53.26 0.74 0.00	58.12 0.41 0.00	57.11 0.20 0.00	60.40 -1.57 0.00	68.07 -2.68 0.00	79.91 -3.25 0.00	100.49 -3.57 0.00	84.16 -2.66 0.00	55.51 -1.91 0.00	57.96 -2.15 0.00	49.48 -1.46 0.00	46.77 -1.19 0.00	43.85 -0.11 0.00
NORTHPORT___1 23551	51.62 2.40 0.00	52.41 1.94 0.00	51.28 1.99 0.00	53.92 2.46 0.00	42.85 2.25 0.00	58.42 3.30 0.00	70.27 3.89 0.00	75.12 4.24 0.00	51.42 3.36 -0.32	209.41 2.50 -163.75	61.68 3.20 -11.99	98.36 3.08 -42.77	61.22 3.52 0.00	60.17 3.26 0.00	66.11 4.14 0.00	75.56 4.82 0.00	88.31 5.15 0.00	111.04 6.98 0.00	93.01 6.20 0.00	67.26 4.71 -5.12	64.80 4.70 0.00	54.98 4.05 0.00	51.81 3.43 -0.42	46.95 2.99 0.00
NORTHPORT___2 23552	51.62 2.40 0.00	52.41 1.94 0.00	51.28 1.99 0.00	53.92 2.46 0.00	42.85 2.25 0.00	58.42 3.30 0.00	70.27 3.89 0.00	75.12 4.24 0.00	51.42 3.36 -0.32	209.41 2.50 -163.75	61.68 3.20 -11.99	98.36 3.08 -42.77	61.22 3.52 0.00	60.17 3.26 0.00	66.11 4.14 0.00	75.56 4.82 0.00	88.31 5.15 0.00	111.04 6.98 0.00	93.01 6.20 0.00	67.26 4.71 -5.12	64.80 4.70 0.00	54.98 4.05 0.00	51.81 3.43 -0.42	46.95 2.99 0.00
NORTHPORT___3 23553	51.39 2.17 0.00	52.21 1.74 0.00	51.09 1.80 0.00	53.65 2.19 0.00	42.65 2.05 0.00	58.16 3.05 0.00	70.03 3.64 0.00	74.94 4.06 0.00	51.26 3.20 -0.32	209.30 2.39 -163.75	61.45 2.98 -11.99	98.26 2.98 -42.77	61.15 3.44 0.00	60.19 3.28 0.00	66.00 4.02 0.00	75.47 4.73 0.00	88.28 5.12 0.00	111.00 6.93 0.00	92.94 6.12 0.00	67.05 4.51 -5.12	64.69 4.59 0.00	54.84 3.90 0.00	51.69 3.31 -0.42	46.79 2.83 0.00
NORTHPORT___4 23650	51.39 2.17 0.00	52.21 1.74 0.00	51.09 1.80 0.00	53.65 2.19 0.00	42.65 2.05 0.00	58.16 3.05 0.00	70.03 3.64 0.00	74.94 4.06 0.00	51.26 3.20 -0.32	209.30 2.39 -163.75	61.45 2.98 -11.99	98.26 2.98 -42.77	61.15 3.44 0.00	60.19 3.28 0.00	66.00 4.02 0.00	75.47 4.73 0.00	88.28 5.12 0.00	111.00 6.93 0.00	92.94 6.12 0.00	67.05 4.51 -5.12	64.69 4.59 0.00	54.84 3.90 0.00	51.69 3.31 -0.42	46.79 2.83 0.00
NORTHPORT___IC 23718	51.62 2.40 0.00	52.41 1.94 0.00	51.28 1.99 0.00	53.92 2.46 0.00	42.85 2.25 0.00	58.42 3.30 0.00	70.28 3.89 0.00	75.12 4.24 0.00	51.42 3.36 -0.32	209.41 2.50 -163.75	61.67 3.20 -11.99	98.37 3.08 -42.77	61.23 3.52 0.00	60.18 3.27 0.00	66.11 4.14 0.00	75.56 4.82 0.00	88.31 5.15 0.00	111.04 6.98 0.00	93.01 6.20 0.00	67.26 4.72 -5.12	64.81 4.71 0.00	55.00 4.06 0.00	51.82 3.43 -0.42	46.95 2.99 0.00
NORTH___COUNTRY_ESR 323785	51.04 1.82 0.00	52.52 2.05 0.00	51.25 1.96 0.00	53.28 1.83 0.00	41.88 1.28 0.00	56.84 1.72 0.00	68.27 1.88 0.00	72.33 1.45 0.00	48.34 0.60 0.00	43.53 0.37 0.00	46.87 0.38 0.00	53.03 0.51 0.00	57.87 0.17 0.00	56.52 -0.39 0.00	61.10 -0.87 0.00	69.92 -0.82 0.00	82.59 -0.57 0.00	103.29 -0.77 0.00	86.23 -0.59 0.00	56.74 -0.68 0.00	59.56 -0.55 0.00	50.72 -0.21 0.00	47.96 0.00 0.00	44.16 0.20 0.00
NPX_GEN_1385_PROXY 323591	52.96 3.74 0.00	53.50 3.03 0.00	52.34 3.06 0.00	55.32 3.87 0.00	44.03 3.43 0.00	59.96 4.85 0.00	107.45 5.77 -35.30	126.79 6.26 -49.65	52.77 4.70 -0.32	210.65 3.75 -163.75	62.91 4.43 -11.99	98.43 3.14 -42.77	60.93 3.23 0.00	59.03 2.12 0.00	66.66 4.69 0.00	76.65 5.91 0.00	89.42 6.26 0.00	112.60 8.54 0.00	94.16 7.34 0.00	68.16 5.61 -5.12	65.29 5.18 0.00	55.63 4.69 0.00	52.32 3.94 -0.42	47.53 3.56 0.00
NPX_GEN_CSC 323557	52.17 2.95 0.00	52.97 2.49 0.00	51.80 2.52 0.00	54.44 2.99 0.00	43.34 2.73 0.00	59.21 4.10 0.00	71.40 5.02 0.00	76.47 5.59 0.00	52.23 4.16 -0.32	209.96 3.05 -163.75	62.16 3.68 -11.99	99.17 3.88 -42.77	62.22 4.52 0.00	61.33 4.41 0.00	67.27 5.30 0.00	76.96 6.22 0.00	90.15 6.99 0.00	113.45 9.39 0.00	94.95 8.13 0.00	68.25 5.71 -5.12	65.90 5.79 0.00	55.79 4.85 0.00	52.64 4.25 -0.42	47.48 3.52 0.00
NSINS_S__GLNS_FALLS 23858	51.74 2.52 0.00	53.00 2.53 0.00	51.93 2.65 0.00	54.27 2.81 0.00	42.89 2.29 0.00	58.49 3.38 0.00	70.57 4.18 0.00	75.52 4.63 0.00	51.00 3.18 -0.07	82.45 2.75 -36.54	52.02 2.85 -2.68	64.85 3.28 -9.05	61.19 3.49 0.00	60.65 3.74 0.00	66.16 4.19 0.00	75.95 5.20 0.00	89.24 6.08 0.00	111.65 7.59 0.00	93.66 6.85 0.00	61.91 4.49 0.00	64.61 4.51 0.00	54.54 3.60 0.00	51.18 3.13 -0.09	46.53 2.57 0.00
NUCOR_STEEL___DRP 24197	48.81 -0.41 0.00	49.95 -0.53 0.00	48.50 -0.79 0.00	50.92 -0.54 0.00	40.29 -0.31 0.00	54.78 -0.33 0.00	66.17 -0.21 0.00	70.23 -0.65 0.00	47.51 -0.24 0.00	43.14 -0.02 0.00	46.43 -0.07 0.00	52.38 -0.14 0.00	57.69 -0.02 0.00	56.91 0.00 0.00	61.66 -0.30 0.00	70.37 -0.37 0.00	83.07 -0.09 0.00	103.95 -0.11 0.00	86.78 -0.03 0.00	57.26 -0.16 0.00	59.70 -0.40 0.00	50.54 -0.39 0.00	47.57 -0.39 0.00	43.63 -0.34 0.00
NUMBER_THREE_WT_PWR 323818	50.47 1.26 0.00	51.70 1.23 0.00	50.47 1.18 0.00	52.60 1.14 0.00	41.41 0.81 0.00	56.37 1.26 0.00	68.07 1.69 0.00	72.89 2.00 0.00	48.91 1.17 0.00	43.50 0.34 0.00	46.48 -0.01 0.00	52.13 -0.39 0.00	57.33 -0.38 0.00	56.47 -0.44 0.00	60.66 -1.31 0.00	68.87 -1.88 0.00	81.23 -1.93 0.00	102.32 -1.74 0.00	86.03 -0.79 0.00	57.21 -0.20 0.00	59.66 -0.45 0.00	50.34 -0.60 0.00	46.96 -1.00 0.00	43.10 -0.87 0.00
NYISO_LBMP_REFERENCE 24008	49.22 0.00 0.00	50.47 0.00 0.00	49.29 0.00 0.00	51.46 0.00 0.00	40.60 0.00 0.00	55.12 0.00 0.00	66.38 0.00 0.00	70.88 0.00 0.00	47.75 0.00 0.00	43.16 0.00 0.00	46.49 0.00 0.00	52.52 0.00 0.00	57.70 0.00 0.00	56.91 0.00 0.00	61.97 0.00 0.00	70.74 0.00 0.00	83.16 0.00 0.00	104.06 0.00 0.00	86.82 0.00 0.00	57.42 0.00 0.00	60.11 0.00 0.00	50.93 0.00 0.00	47.96 0.00 0.00	43.96 0.00 0.00

NYPA_BRENTWD____GT 24164	51.99 2.77 0.00	52.80 2.33 0.00	51.66 2.37 0.00	54.28 2.82 0.00	43.15 2.54 0.00	58.88 3.76 0.00	70.91 4.53 0.00	75.54 4.65 0.00	51.72 3.66 -0.32	209.85 2.94 -163.75	62.10 3.62 -11.99	99.00 3.72 -42.77	62.00 4.29 0.00	61.03 4.12 0.00	66.56 4.59 0.00	75.84 5.10 0.00	88.74 5.58 0.00	111.62 7.55 0.00	93.94 7.12 0.00	68.03 5.49 -5.12	65.60 5.49 0.00	55.57 4.64 0.00	52.36 3.97 -0.42	47.36 3.40 0.00
NYPA_GOWANUS____GT5 24156	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.86 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.34 -164.00	61.09 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.17 4.42 0.00	88.13 4.97 0.00	110.55 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.70 2.73 0.00
NYPA_GOWANUS____GT6 24157	50.96 1.74 0.00	51.98 1.51 0.00	50.87 1.58 0.00	53.32 1.86 0.00	42.32 1.72 0.00	57.62 2.50 0.00	69.22 2.84 0.00	74.45 3.56 0.00	50.94 2.88 -0.32	209.50 2.34 -164.00	61.09 2.60 -12.00	98.17 2.81 -42.84	61.05 3.35 0.00	60.39 3.48 0.00	65.79 3.82 0.00	75.17 4.42 0.00	88.13 4.97 0.00	110.55 6.48 0.00	92.26 5.44 0.00	61.34 3.92 0.00	64.30 4.19 0.00	54.44 3.51 0.00	51.53 3.14 -0.42	46.70 2.73 0.00
NYPA_HARLEM__RVR__GT1 24160	50.74 1.52 0.00	51.69 1.22 0.00	50.65 1.37 0.00	53.18 1.73 0.00	42.17 1.56 0.00	57.46 2.34 0.00	69.02 2.64 0.00	74.29 3.41 0.00	50.83 2.76 -0.32	209.33 2.17 -164.00	60.97 2.47 -12.00	98.07 2.71 -42.84	60.91 3.21 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.25 0.00	87.91 4.75 0.00	110.31 6.24 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.94 0.00	54.17 3.23 0.00	51.28 2.89 -0.42	46.47 2.50 0.00
NYPA_HARLEM__RVR__GT2 24161	50.74 1.52 0.00	51.69 1.22 0.00	50.65 1.37 0.00	53.18 1.73 0.00	42.17 1.56 0.00	57.46 2.34 0.00	69.02 2.64 0.00	74.29 3.41 0.00	50.83 2.76 -0.32	209.33 2.17 -164.00	60.97 2.47 -12.00	98.07 2.71 -42.84	60.91 3.21 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.25 0.00	87.91 4.75 0.00	110.31 6.24 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.94 0.00	54.17 3.23 0.00	51.28 2.89 -0.42	46.47 2.50 0.00
NYPA_KENT____GT 24152	50.88 1.66 0.00	51.90 1.42 0.00	50.77 1.49 0.00	53.23 1.78 0.00	42.24 1.64 0.00	57.51 2.39 0.00	69.11 2.73 0.00	74.34 3.46 0.00	50.86 2.79 -0.32	209.47 2.31 -164.00	61.04 2.55 -12.00	98.12 2.76 -42.84	60.99 3.29 0.00	60.30 3.39 0.00	65.71 3.74 0.00	75.07 4.33 0.00	88.02 4.86 0.00	110.39 6.32 0.00	92.14 5.32 0.00	61.25 3.84 0.00	64.22 4.11 0.00	54.36 3.42 0.00	51.44 3.05 -0.42	46.61 2.65 0.00
NYPA_POUCH1____GT 24155	50.96 1.74 0.00	51.99 1.51 0.00	50.87 1.58 0.00	53.33 1.87 0.00	42.32 1.72 0.00	57.61 2.50 0.00	69.15 2.76 0.00	74.32 3.44 0.00	50.86 2.79 -0.32	209.41 2.25 -164.00	61.00 2.50 -12.00	98.06 2.70 -42.84	60.93 3.23 0.00	60.27 3.36 0.00	65.64 3.68 0.00	74.99 4.25 0.00	87.92 4.76 0.00	110.28 6.22 0.00	92.07 5.25 0.00	61.23 3.82 0.00	64.21 4.10 0.00	54.38 3.45 0.00	51.47 3.09 -0.42	46.66 2.70 0.00
NYPA_VERNON____GT2 24162	50.75 1.53 0.00	51.78 1.30 0.00	50.67 1.39 0.00	53.12 1.67 0.00	42.16 1.55 0.00	57.40 2.28 0.00	69.06 2.68 0.00	74.26 3.38 0.00	50.80 2.73 -0.32	209.41 2.25 -164.00	60.97 2.48 -12.00	98.06 2.70 -42.84	60.91 3.21 0.00	60.23 3.32 0.00	65.64 3.67 0.00	75.01 4.27 0.00	87.95 4.78 0.00	110.28 6.22 0.00	92.03 5.22 0.00	61.19 3.77 0.00	64.12 4.01 0.00	54.25 3.32 0.00	51.33 2.95 -0.42	46.50 2.54 0.00
NYPA_VERNON____GT3 24163	50.75 1.53 0.00	51.78 1.30 0.00	50.67 1.39 0.00	53.12 1.67 0.00	42.16 1.55 0.00	57.40 2.28 0.00	69.06 2.68 0.00	74.26 3.38 0.00	50.80 2.73 -0.32	209.41 2.25 -164.00	60.97 2.48 -12.00	98.06 2.70 -42.84	60.91 3.21 0.00	60.23 3.32 0.00	65.64 3.67 0.00	75.01 4.27 0.00	87.95 4.78 0.00	110.28 6.22 0.00	92.03 5.22 0.00	61.19 3.77 0.00	64.12 4.01 0.00	54.25 3.32 0.00	51.33 2.95 -0.42	46.50 2.54 0.00
NYPA__ASTORIA_CC1 323568	50.67 1.45 0.00	51.69 1.22 0.00	50.60 1.32 0.00	53.05 1.59 0.00	42.09 1.48 0.00	57.30 2.19 0.00	68.95 2.56 0.00	74.13 3.25 0.00	50.71 2.64 -0.32	209.31 2.15 -164.00	60.87 2.38 -12.00	97.95 2.59 -42.84	60.80 3.09 0.00	60.11 3.20 0.00	65.52 3.56 0.00	74.88 4.14 0.00	87.78 4.62 0.00	110.07 6.01 0.00	91.84 5.02 0.00	61.08 3.67 0.00	64.01 3.90 0.00	54.16 3.22 0.00	51.26 2.88 -0.42	46.43 2.46 0.00
NYPA__ASTORIA_CC2 323569	50.67 1.45 0.00	51.69 1.22 0.00	50.60 1.32 0.00	53.05 1.59 0.00	42.09 1.48 0.00	57.30 2.19 0.00	68.94 2.55 0.00	74.13 3.25 0.00	50.72 2.65 -0.32	209.31 2.16 -164.00	60.87 2.38 -12.00	97.95 2.59 -42.84	60.80 3.09 0.00	60.11 3.20 0.00	65.52 3.56 0.00	74.88 4.14 0.00	87.78 4.62 0.00	110.06 6.00 0.00	91.84 5.02 0.00	61.08 3.66 0.00	64.01 3.90 0.00	54.16 3.22 0.00	51.26 2.88 -0.42	46.43 2.46 0.00
NYPA__HOLTSVILL 23794	51.62 2.40 0.00	52.43 1.95 0.00	51.29 2.00 0.00	53.88 2.43 0.00	42.86 2.26 0.00	58.49 3.37 0.00	70.43 4.05 0.00	75.37 4.49 0.00	51.57 3.50 -0.32	209.47 2.56 -163.75	61.68 3.20 -11.99	98.56 3.28 -42.77	61.51 3.80 0.00	60.55 3.64 0.00	66.40 4.43 0.00	75.91 5.17 0.00	88.80 5.64 0.00	111.72 7.66 0.00	93.66 6.84 0.00	67.50 4.96 -5.12	65.09 4.99 0.00	55.16 4.23 0.00	52.00 3.62 -0.42	47.01 3.05 0.00
NYPA__HELLGATE_GT1 24158	50.74 1.52 0.00	51.69 1.22 0.00	50.65 1.37 0.00	53.18 1.73 0.00	42.17 1.56 0.00	57.46 2.34 0.00	69.02 2.64 0.00	74.29 3.41 0.00	50.83 2.76 -0.32	209.33 2.17 -164.00	60.97 2.47 -12.00	98.07 2.71 -42.84	60.91 3.21 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.25 0.00	87.91 4.75 0.00	110.31 6.24 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.94 0.00	54.17 3.23 0.00	51.28 2.89 -0.42	46.47 2.50 0.00
NYPA__HELLGATE_GT2 24159	50.74 1.52 0.00	51.69 1.22 0.00	50.65 1.37 0.00	53.18 1.73 0.00	42.17 1.56 0.00	57.46 2.34 0.00	69.02 2.64 0.00	74.29 3.41 0.00	50.83 2.76 -0.32	209.33 2.17 -164.00	60.97 2.47 -12.00	98.07 2.71 -42.84	60.91 3.21 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.25 0.00	87.91 4.75 0.00	110.31 6.24 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.05 3.94 0.00	54.17 3.23 0.00	51.28 2.89 -0.42	46.47 2.50 0.00
NYS_BARGE__HYD 23848	46.50 -2.71 0.00	47.19 -3.28 0.00	45.88 -3.41 0.00	47.95 -3.51 0.00	38.03 -2.57 0.00	51.45 -3.67 0.00	61.05 -5.33 0.00	64.49 -6.39 0.00	43.92 -3.83 0.00	40.45 -2.71 0.00	43.48 -3.01 0.00	48.95 -3.57 0.00	54.12 -3.58 0.00	53.14 -3.77 0.00	57.68 -4.28 0.00	66.12 -4.63 0.00	78.07 -5.09 0.00	92.37 -6.94 4.75	80.41 -6.41 0.00	52.29 -5.12 0.00	54.00 -6.11 0.00	46.16 -4.78 0.00	44.19 -3.76 0.00	41.27 -2.70 0.00

OAK ORCHARD___HYD 24046	47.20 -2.02 0.00	48.08 -2.39 0.00	46.83 -2.45 0.00	48.96 -2.49 0.00	38.81 -1.79 0.00	52.64 -2.48 0.00	63.14 -3.25 0.00	67.05 -3.84 0.00	45.38 -2.37 0.00	41.48 -1.69 0.00	44.69 -1.80 0.00	50.49 -2.02 0.00	55.64 -2.06 0.00	54.82 -2.09 0.00	59.59 -2.38 0.00	68.01 -2.73 0.00	80.29 -2.87 0.00	97.43 -3.84 2.79	83.22 -3.60 0.00	54.49 -2.92 0.00	56.51 -3.59 0.00	47.96 -2.97 0.00	45.39 -2.57 0.00	41.98 -1.98 0.00
OAKDALE___35_KV_LOAD 356122	48.84 -0.38 0.00	50.01 -0.46 0.00	48.72 -0.56 0.00	51.00 -0.46 0.00	40.28 -0.32 0.00	54.67 -0.44 0.00	65.89 -0.49 0.00	70.22 -0.66 0.00	47.28 -0.43 0.04	22.83 -0.14 20.19	44.75 -0.26 1.48	47.16 -0.36 4.99	57.49 -0.21 0.00	56.64 -0.27 0.00	61.66 -0.31 0.00	70.48 -0.26 0.00	82.90 -0.26 0.00	103.71 -0.35 0.00	86.73 -0.09 0.00	57.32 -0.10 0.00	59.70 -0.41 0.00	50.56 -0.37 0.00	47.60 -0.32 0.04	43.76 -0.20 0.00
OCC_CHEM___DRP 24175	45.57 -3.65 0.00	46.24 -4.24 0.00	44.94 -4.35 0.00	46.93 -4.53 0.00	37.25 -3.35 0.00	50.34 -4.78 0.00	59.69 -6.69 0.00	62.87 -8.02 0.00	42.66 -5.09 0.00	39.26 -3.90 0.00	42.21 -4.28 0.00	47.55 -4.97 0.00	52.58 -5.12 0.00	51.70 -5.21 0.00	56.19 -5.77 0.00	64.34 -6.40 0.00	75.92 -7.25 0.00	94.30 -9.76 0.00	78.03 -8.79 0.00	50.76 -6.66 0.00	52.40 -7.70 0.00	44.82 -6.11 0.00	42.96 -5.00 0.00	40.30 -3.66 0.00
OH_GEN_PROXY 24063	45.93 -3.29 0.00	46.65 -3.83 0.00	45.37 -3.92 0.00	47.43 -4.03 0.00	37.61 -2.99 0.00	50.80 -4.32 0.00	60.34 -6.04 0.00	63.59 -7.29 0.00	43.10 -4.65 0.00	30.35 -3.51 9.30	36.14 -3.83 6.52	48.04 -4.48 0.00	53.10 -5.12 0.00	52.23 -5.21 0.00	56.75 -5.77 0.00	64.98 -5.76 0.00	76.67 -6.49 0.00	89.53 -8.67 5.86	79.01 -7.81 0.00	51.45 -5.97 0.00	53.13 -6.97 0.00	45.40 -5.54 0.00	43.41 -4.55 0.00	40.54 -3.42 0.00
OLIN_CORP_DRP 24177	45.81 -3.41 0.00	46.52 -3.95 0.00	45.20 -4.08 0.00	47.23 -4.23 0.00	37.47 -3.13 0.00	50.64 -4.47 0.00	59.94 -6.45 0.00	62.93 -7.95 0.00	42.69 -5.06 0.00	39.27 -3.89 0.00	42.20 -4.28 0.00	47.51 -5.00 0.00	52.55 -5.16 0.00	51.65 -5.26 0.00	56.13 -5.84 0.00	64.29 -6.45 0.00	75.85 -7.31 0.00	94.27 -9.79 0.00	77.99 -8.83 0.00	50.73 -6.68 0.00	52.38 -7.72 0.00	44.86 -6.08 0.00	43.18 -4.78 0.00	40.37 -3.59 0.00
OLIN_CORP_DSASP 323712	45.57 -3.66 0.00	46.24 -4.24 0.00	44.93 -4.35 0.00	46.93 -4.53 0.00	37.26 -3.34 0.00	50.34 -4.78 0.00	59.70 -6.68 0.00	62.85 -8.03 0.00	42.66 -5.09 0.00	39.27 -3.88 0.00	42.24 -4.25 0.00	47.56 -4.96 0.00	52.58 -5.12 0.00	51.70 -5.21 0.00	56.19 -5.78 0.00	64.34 -6.40 0.00	75.92 -7.25 0.00	88.91 -9.75 5.40	78.02 -8.80 0.00	50.76 -6.66 0.00	52.40 -7.70 0.00	44.84 -6.09 0.00	42.95 -5.01 0.00	40.30 -3.66 0.00
ONEIDA_HERK_LFGE 323681	50.34 1.13 0.00	51.58 1.11 0.00	50.37 1.09 0.00	52.57 1.11 0.00	41.48 0.88 0.00	56.45 1.34 0.00	68.23 1.85 0.00	72.97 2.09 0.00	49.13 1.38 0.00	44.11 0.95 0.00	47.39 0.90 0.00	53.37 0.85 0.00	58.68 0.98 0.00	57.87 0.96 0.00	62.72 0.75 0.00	71.44 0.70 0.00	84.10 0.94 0.00	105.49 1.42 0.00	88.27 1.45 0.00	58.48 1.06 0.00	61.03 0.92 0.00	51.55 0.62 0.00	48.30 0.34 0.00	44.23 0.26 0.00
ONEIDA___115KV_TB4 55905	50.19 0.97 0.00	51.46 0.99 0.00	50.26 0.98 0.00	52.53 1.07 0.00	41.57 0.97 0.00	56.61 1.49 0.00	68.44 2.06 0.00	73.12 2.24 0.00	49.29 1.54 0.00	44.52 1.36 0.00	47.94 1.45 0.00	54.07 1.55 0.00	59.47 1.77 0.00	58.67 1.76 0.00	63.86 1.89 0.00	72.90 2.16 0.00	85.63 2.47 0.00	106.92 2.86 0.00	89.29 2.47 0.00	59.02 1.60 0.00	61.56 1.46 0.00	52.04 1.10 0.00	48.88 0.92 0.00	44.71 0.75 0.00
ONONDAGA_REF_OCCRA 23987	48.43 -0.79 0.00	49.56 -0.92 0.00	48.33 -0.96 0.00	50.56 -0.90 0.00	40.01 -0.59 0.00	54.39 -0.73 0.00	65.65 -0.73 0.00	70.09 -0.79 0.00	47.24 -0.51 0.00	42.85 -0.31 0.00	46.10 -0.39 0.00	52.04 -0.48 0.00	57.28 -0.42 0.00	56.51 -0.40 0.00	61.50 -0.47 0.00	70.27 -0.48 0.00	82.59 -0.57 0.00	103.32 -0.74 0.00	86.19 -0.63 0.00	56.92 -0.50 0.00	59.35 -0.75 0.00	50.25 -0.69 0.00	47.28 -0.67 0.00	43.35 -0.62 0.00
ONONDAGA___COGEN 23986	48.39 -0.83 0.00	49.52 -0.96 0.00	48.28 -1.01 0.00	50.51 -0.94 0.00	39.97 -0.63 0.00	54.32 -0.79 0.00	65.57 -0.81 0.00	69.96 -0.92 0.00	47.17 -0.58 0.00	42.77 -0.38 0.00	46.04 -0.45 0.00	51.96 -0.56 0.00	57.17 -0.53 0.00	56.41 -0.50 0.00	61.36 -0.61 0.00	70.09 -0.66 0.00	82.41 -0.75 0.00	103.11 -0.96 0.00	86.02 -0.80 0.00	56.80 -0.62 0.00	59.27 -0.84 0.00	50.19 -0.75 0.00	47.24 -0.72 0.00	43.30 -0.67 0.00
ONTARIO___LFGE 23819	48.51 -0.71 0.00	49.51 -0.96 0.00	48.16 -1.13 0.00	50.39 -1.06 0.00	40.00 -0.60 0.00	54.17 -0.95 0.00	65.38 -1.00 0.00	69.55 -1.33 0.00	46.88 -0.86 0.00	42.77 -0.38 0.00	45.92 -0.57 0.00	51.62 -0.90 0.00	56.92 -0.78 0.00	56.11 -0.81 0.00	61.07 -0.90 0.00	69.90 -0.84 0.00	82.48 -0.68 0.00	102.93 -1.14 0.00	85.84 -0.98 0.00	56.39 -1.03 0.00	58.51 -1.59 0.00	49.67 -1.27 0.00	46.88 -1.08 0.00	43.10 -0.86 0.00
ORANGEVILLE_WT_PWR 323706	47.51 -1.71 0.00	48.20 -2.28 0.00	46.81 -2.48 0.00	48.89 -2.57 0.00	38.60 -2.00 0.00	52.19 -2.93 0.00	62.27 -4.11 0.00	65.71 -5.17 0.00	44.31 -3.44 0.00	40.70 -2.46 0.00	43.48 -3.01 0.00	48.87 -3.65 0.00	54.06 -3.65 0.00	53.21 -3.70 0.00	57.98 -3.99 0.00	66.66 -4.08 0.00	78.61 -4.56 0.00	96.03 -6.15 1.88	81.30 -5.52 0.00	52.86 -4.56 0.00	54.86 -5.25 0.00	46.80 -4.14 0.00	44.52 -3.44 0.00	41.43 -2.53 0.00
ORANGEVILLE___ESR 323794	47.51 -1.71 0.00	48.20 -2.28 0.00	46.81 -2.48 0.00	48.89 -2.57 0.00	38.60 -2.00 0.00	52.19 -2.93 0.00	62.27 -4.11 0.00	65.71 -5.17 0.00	44.31 -3.44 0.00	40.70 -2.46 0.00	43.48 -3.01 0.00	48.87 -3.65 0.00	54.06 -3.65 0.00	53.21 -3.70 0.00	57.98 -3.99 0.00	66.66 -4.08 0.00	78.61 -4.56 0.00	96.03 -6.15 1.88	81.30 -5.52 0.00	52.86 -4.56 0.00	54.86 -5.25 0.00	46.80 -4.14 0.00	44.52 -3.44 0.00	41.43 -2.53 0.00
OSWEGATCHIE___HYD 24044	50.36 1.14 0.00	51.65 1.18 0.00	50.40 1.11 0.00	52.43 0.97 0.00	41.10 0.50 0.00	55.43 0.31 0.00	66.40 0.02 0.00	71.09 0.21 0.00	48.12 0.37 0.00	43.00 -0.16 0.00	46.48 -0.01 0.00	52.29 -0.23 0.00	57.29 -0.41 0.00	56.41 -0.50 0.00	59.89 -2.08 0.00	67.57 -3.18 0.00	79.43 -3.73 0.00	100.00 -4.06 0.00	83.92 -2.89 0.00	55.62 -1.80 0.00	57.99 -2.12 0.00	49.22 -1.71 0.00	46.22 -1.74 0.00	43.04 -0.92 0.00
OSWEGO___5 23606	47.64 -1.58 0.00	48.77 -1.70 0.00	47.58 -1.70 0.00	49.74 -1.72 0.00	39.32 -1.28 0.00	53.39 -1.73 0.00	64.37 -2.02 0.00	68.68 -2.21 0.00	46.31 -1.44 0.00	41.95 -1.21 0.00	45.16 -1.33 0.00	50.98 -1.54 0.00	56.07 -1.63 0.00	55.32 -1.59 0.00	60.18 -1.78 0.00	68.76 -1.99 0.00	80.83 -2.33 0.00	101.14 -2.93 0.00	84.39 -2.43 0.00	55.75 -1.67 0.00	58.19 -1.92 0.00	49.29 -1.64 0.00	46.41 -1.55 0.00	42.56 -1.40 0.00

OSWEGO___6 23613	47.64 -1.58 0.00	48.77 -1.70 0.00	47.58 -1.70 0.00	49.74 -1.72 0.00	39.32 -1.28 0.00	53.39 -1.73 0.00	64.37 -2.02 0.00	68.68 -2.21 0.00	46.31 -1.44 0.00	41.95 -1.21 0.00	45.16 -1.33 0.00	50.98 -1.54 0.00	56.07 -1.63 0.00	55.32 -1.59 0.00	60.18 -1.78 0.00	68.76 -1.99 0.00	80.83 -2.33 0.00	101.14 -2.93 0.00	84.39 -2.43 0.00	55.75 -1.67 0.00	58.19 -1.92 0.00	49.29 -1.64 0.00	46.41 -1.55 0.00	42.56 -1.40 0.00
OUTOKUMPU-AB___DRP 24206	46.86 -2.36 0.00	47.55 -2.92 0.00	46.22 -3.06 0.00	48.30 -3.16 0.00	38.31 -2.30 0.00	51.84 -3.28 0.00	61.58 -4.80 0.00	64.96 -5.93 0.00	44.12 -3.63 0.00	40.62 -2.54 0.00	43.68 -2.81 0.00	49.19 -3.33 0.00	54.40 -3.30 0.00	53.50 -3.41 0.00	58.11 -3.86 0.00	66.54 -4.21 0.00	78.50 -4.66 0.00	97.63 -6.43 0.00	80.87 -5.95 0.00	52.62 -4.80 0.00	54.32 -5.79 0.00	46.39 -4.55 0.00	44.36 -3.60 0.00	41.50 -2.46 0.00
OXBOW___BTM 323836	46.31 -2.91 0.00	46.99 -3.49 0.00	45.66 -3.62 0.00	47.71 -3.75 0.00	37.86 -2.74 0.00	51.18 -3.94 0.00	60.78 -5.60 0.00	64.06 -6.82 0.00	43.49 -4.25 0.00	40.06 -3.10 0.00	43.08 -3.41 0.00	48.51 -4.01 0.00	53.63 -4.08 0.00	52.73 -4.18 0.00	57.30 -4.66 0.00	65.61 -5.13 0.00	77.42 -5.74 0.00	90.88 -7.80 5.38	79.67 -7.15 0.00	51.83 -5.59 0.00	53.50 -6.61 0.00	45.73 -5.20 0.00	43.75 -4.20 0.00	40.98 -2.98 0.00
OXBOW____ 24026	46.31 -2.91 0.00	46.99 -3.48 0.00	45.67 -3.62 0.00	47.70 -3.76 0.00	37.85 -2.75 0.00	51.18 -3.94 0.00	60.77 -5.61 0.00	64.05 -6.83 0.00	43.50 -4.25 0.00	40.03 -3.13 0.00	43.05 -3.44 0.00	48.49 -4.02 0.00	53.62 -4.08 0.00	52.73 -4.18 0.00	57.31 -4.67 0.00	65.60 -5.14 0.00	77.42 -5.74 0.00	96.25 -7.82 0.00	79.66 -7.16 0.00	51.82 -5.59 0.00	53.49 -6.61 0.00	45.72 -5.21 0.00	43.76 -4.20 0.00	40.99 -2.97 0.00
OXY_CHEM_DSASP 323612	45.57 -3.65 0.00	46.24 -4.24 0.00	44.94 -4.35 0.00	46.93 -4.53 0.00	37.25 -3.35 0.00	50.34 -4.78 0.00	59.69 -6.69 0.00	62.87 -8.02 0.00	42.66 -5.09 0.00	39.26 -3.90 0.00	42.21 -4.28 0.00	47.55 -4.97 0.00	52.58 -5.12 0.00	51.70 -5.21 0.00	56.19 -5.77 0.00	64.34 -6.40 0.00	75.92 -7.25 0.00	94.30 -9.76 0.00	78.03 -8.79 0.00	50.76 -6.66 0.00	52.40 -7.70 0.00	44.82 -6.11 0.00	42.96 -5.00 0.00	40.30 -3.66 0.00
OZONE_PARK_ESR 323760	51.08 1.86 0.00	52.14 1.67 0.00	51.00 1.71 0.00	53.47 2.01 0.00	42.44 1.83 0.00	57.81 2.69 0.00	69.60 3.22 0.00	74.91 4.02 0.00	51.21 3.14 -0.32	209.86 2.62 -164.08	61.36 2.86 -12.01	98.53 3.15 -42.87	61.38 3.67 0.00	60.72 3.81 0.00	66.18 4.21 0.00	75.63 4.88 0.00	88.72 5.56 0.00	111.26 7.20 0.00	92.86 6.04 0.00	61.67 4.25 0.00	64.61 4.50 0.00	54.68 3.74 0.00	51.76 3.38 -0.42	46.84 2.88 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	45.57 -3.65 0.00	46.24 -4.24 0.00	44.94 -4.35 0.00	46.93 -4.53 0.00	37.25 -3.35 0.00	50.34 -4.78 0.00	59.69 -6.69 0.00	62.87 -8.02 0.00	42.66 -5.09 0.00	39.26 -3.90 0.00	42.21 -4.28 0.00	47.55 -4.97 0.00	52.58 -5.12 0.00	51.70 -5.21 0.00	56.19 -5.77 0.00	64.34 -6.40 0.00	75.92 -7.25 0.00	94.30 -9.76 0.00	78.03 -8.79 0.00	50.76 -6.66 0.00	52.40 -7.70 0.00	44.82 -6.11 0.00	42.96 -5.00 0.00	40.30 -3.66 0.00
PACKARD__115KV_DUPONT_184 80571	45.57 -3.65 0.00	46.24 -4.24 0.00	44.94 -4.35 0.00	46.93 -4.53 0.00	37.25 -3.35 0.00	50.34 -4.78 0.00	59.69 -6.69 0.00	62.87 -8.02 0.00	42.66 -5.09 0.00	39.26 -3.90 0.00	42.21 -4.28 0.00	47.55 -4.97 0.00	52.58 -5.12 0.00	51.70 -5.21 0.00	56.19 -5.77 0.00	64.34 -6.40 0.00	75.92 -7.25 0.00	94.30 -9.76 0.00	78.03 -8.79 0.00	50.76 -6.66 0.00	52.40 -7.70 0.00	44.82 -6.11 0.00	42.96 -5.00 0.00	40.30 -3.66 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	50.72 1.50 0.00	51.73 1.25 0.00	50.66 1.38 0.00	53.13 1.68 0.00	42.13 1.53 0.00	57.40 2.29 0.00	68.98 2.60 0.00	74.30 3.42 0.00	50.83 2.76 -0.32	209.37 2.21 -164.00	60.99 2.50 -12.00	98.09 2.73 -42.84	60.92 3.21 0.00	60.21 3.29 0.00	65.63 3.66 0.00	75.00 4.26 0.00	87.93 4.77 0.00	110.31 6.24 0.00	92.06 5.24 0.00	61.24 3.83 0.00	64.07 3.97 0.00	54.20 3.26 0.00	51.29 2.91 -0.42	46.46 2.50 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	50.99 1.77 0.00	51.93 1.46 0.00	50.86 1.57 0.00	53.33 1.87 0.00	42.29 1.69 0.00	57.64 2.53 0.00	69.32 2.93 0.00	74.78 3.89 0.00	51.14 3.08 -0.32	209.62 2.46 -164.00	61.28 2.78 -12.00	98.39 3.03 -42.84	61.24 3.53 0.00	60.53 3.62 0.00	65.94 3.97 0.00	75.42 4.68 0.00	88.42 5.25 0.00	110.92 6.86 0.00	92.45 5.63 0.00	61.47 4.06 0.00	64.34 4.23 0.00	54.36 3.43 0.00	51.48 3.10 -0.42	46.64 2.68 0.00
PATROON__115KV_TB1 80586	50.56 1.34 0.00	51.76 1.29 0.00	50.61 1.33 0.00	52.82 1.36 0.00	41.49 0.89 0.00	55.94 0.83 0.00	67.43 1.04 0.00	72.26 1.37 0.00	48.93 1.11 -0.07	81.30 0.86 -37.28	50.11 0.89 -2.73	62.85 1.10 -9.23	58.83 1.12 0.00	58.23 1.32 0.00	63.51 1.54 0.00	72.64 1.90 0.00	85.13 1.97 0.00	106.67 2.61 0.00	89.12 2.30 0.00	59.02 1.60 0.00	61.75 1.65 0.00	52.33 1.39 0.00	49.48 1.43 -0.09	45.16 1.19 0.00
PATTRSNVILLE__SOLAR 323815	50.66 1.44 0.00	51.86 1.39 0.00	50.67 1.38 0.00	52.95 1.49 0.00	41.86 1.26 0.00	56.93 1.81 0.00	68.63 2.25 0.00	73.38 2.49 0.00	49.43 1.62 -0.06	75.95 1.17 -31.62	50.04 1.23 -2.32	62.04 1.69 -7.83	59.65 1.95 0.00	58.97 2.06 0.00	64.21 2.25 0.00	73.44 2.69 0.00	86.26 3.10 0.00	108.07 4.00 0.00	90.24 3.42 0.00	59.72 2.31 0.00	62.44 2.33 0.00	52.84 1.91 0.00	49.68 1.65 -0.08	45.38 1.42 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	48.60 -0.61 0.00	49.33 -1.14 0.00	47.99 -1.29 0.00	50.22 -1.23 0.00	39.77 -0.83 0.00	53.80 -1.31 0.00	63.98 -2.40 0.00	67.57 -3.31 0.00	45.81 -1.94 0.00	42.15 -1.01 0.00	45.34 -1.15 0.00	51.05 -1.47 0.00	56.47 -1.24 0.00	55.52 -1.40 0.00	60.30 -1.67 0.00	69.00 -1.75 0.00	81.32 -1.84 0.00	101.28 -2.79 0.00	84.02 -2.80 0.00	54.76 -2.66 0.00	56.61 -3.50 0.00	48.26 -2.68 0.00	45.96 -2.00 0.00	42.92 -1.04 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	51.24 2.03 0.00	52.32 1.85 0.00	51.16 1.88 0.00	53.62 2.16 0.00	42.52 1.92 0.00	57.95 2.83 0.00	69.94 3.55 0.00	75.15 4.26 0.00	51.09 3.20 -0.14	123.94 2.71 -78.07	55.14 2.94 -5.72	75.22 3.23 -19.47	61.36 3.66 0.00	60.73 3.82 0.00	66.20 4.23 0.00	75.69 4.95 0.00	88.86 5.70 0.00	111.51 7.44 0.00	93.05 6.23 0.00	61.73 4.32 0.00	64.58 4.47 0.00	54.59 3.66 0.00	51.33 3.18 -0.19	46.66 2.70 0.00
PEEKSKILL____ 23653	50.49 1.27 0.00	51.54 1.07 0.00	50.42 1.13 0.00	52.83 1.38 0.00	41.89 1.29 0.00	57.06 1.94 0.00	68.75 2.37 0.00	73.85 2.96 0.00	50.39 2.30 -0.34	217.48 1.90 -172.43	61.18 2.07 -12.61	100.86 2.22 -46.12	60.25 2.55 0.00	59.62 2.70 0.00	65.00 3.03 0.00	74.28 3.53 0.00	87.11 3.95 0.00	109.25 5.19 0.00	91.23 4.41 0.00	60.58 3.17 0.00	63.44 3.34 0.00	53.66 2.73 0.00	50.79 2.37 -0.46	45.96 2.00 0.00

PGE MADISON___WINDPWR 24146	53.09 3.87 0.00	54.32 3.85 0.00	52.95 3.67 0.00	55.40 3.94 0.00	43.67 3.06 0.00	59.08 3.96 0.00	71.84 5.45 0.00	78.97 8.08 0.00	52.32 4.64 0.07	6.72 4.39 40.83	48.11 4.61 2.99	47.65 5.24 10.10	63.81 6.11 0.00	61.54 4.62 0.00	67.08 5.11 0.00	76.88 6.14 0.00	92.44 9.27 0.00	118.89 13.82 -1.00	94.49 7.67 0.00	62.32 4.91 0.00	64.97 4.86 0.00	54.95 4.02 0.00	51.46 3.54 0.04	47.15 3.19 0.00
PIERCEFIELD___HYD 23852	50.77 1.55 0.00	52.25 1.78 0.00	50.98 1.70 0.00	52.93 1.48 0.00	41.36 0.76 0.00	55.34 0.22 0.00	65.82 -0.57 0.00	70.42 -0.46 0.00	48.01 0.26 0.00	43.07 -0.08 0.00	47.02 0.54 0.00	52.93 0.41 0.00	57.79 0.09 0.00	56.88 -0.03 0.00	59.82 -2.15 0.00	67.14 -3.60 0.00	78.67 -4.49 0.00	99.07 -4.99 0.00	83.03 -3.79 0.00	54.84 -2.58 0.00	57.21 -2.90 0.00	48.88 -2.05 0.00	46.21 -1.75 0.00	43.51 -0.45 0.00
PINELAWN_CC_1 323563	51.63 2.41 0.00	52.44 1.96 0.00	51.30 2.02 0.00	53.89 2.43 0.00	42.84 2.23 0.00	58.44 3.32 0.00	70.39 4.01 0.00	75.35 4.47 0.00	51.55 3.48 -0.32	209.55 2.65 -163.75	61.76 3.29 -11.99	98.63 3.34 -42.77	61.58 3.88 0.00	60.70 3.79 0.00	66.45 4.48 0.00	75.99 5.25 0.00	88.96 5.80 0.00	111.88 7.81 0.00	93.73 6.91 0.00	67.55 5.00 -5.12	65.13 5.02 0.00	55.17 4.24 0.00	51.99 3.61 -0.42	47.05 3.09 0.00
PJM_GEN_HTP_PROXY 323702	50.65 1.43 0.00	51.73 1.25 0.00	50.60 1.31 0.00	53.06 1.60 0.00	42.10 1.50 0.00	57.32 2.20 0.00	69.00 2.62 0.00	74.19 3.31 0.00	50.71 2.65 -0.32	210.27 2.21 -164.90	60.91 2.40 -12.02	98.06 2.62 -42.92	60.76 3.06 0.00	60.12 3.21 0.00	65.52 3.55 0.00	74.98 4.13 -0.10	82.36 4.64 5.44	110.10 6.03 0.00	91.90 5.08 0.00	61.04 3.63 0.00	63.94 3.83 0.00	54.10 3.17 0.00	51.14 2.85 -0.33	46.39 2.42 0.00
PJM_GEN_KEystone 24065	39.40 -0.63 9.19	43.48 -0.89 6.10	45.12 -0.87 3.29	50.73 -0.73 0.00	33.83 -0.38 6.39	35.08 -0.53 19.50	54.21 -0.98 11.19	69.81 -1.07 0.00	46.82 -0.52 0.42	-83.96 -0.26 126.86	36.94 -0.26 9.29	-4.11 -0.49 56.13	57.44 -0.26 0.00	56.67 -0.25 0.00	61.63 -0.33 0.00	70.53 -0.31 -0.10	77.22 -0.49 5.44	96.38 -0.71 6.97	86.21 -0.60 0.00	56.95 -0.46 0.00	59.42 -0.68 0.00	50.36 -0.57 0.00	46.82 -0.49 0.65	43.75 -0.20 0.00
PJM_GEN_NEPTUNE_PROXY 323594	51.02 1.81 0.00	51.87 1.40 0.00	50.75 1.46 0.00	53.29 1.83 0.00	42.33 1.74 0.00	57.73 2.62 0.00	69.50 3.11 0.00	74.44 3.56 0.00	50.93 2.87 -0.32	209.69 2.15 -164.39	61.16 2.68 -11.99	97.95 2.67 -42.77	60.80 3.10 0.00	60.02 3.10 0.00	65.65 3.68 0.00	75.19 4.35 -0.10	82.43 4.71 5.44	110.46 6.40 0.00	92.44 5.62 0.00	66.68 4.14 -5.12	64.28 4.17 0.00	54.45 3.51 0.00	51.26 2.97 -0.33	46.51 2.55 0.00
PJM_GEN_VFT_PROXY 323633	50.29 1.07 0.00	51.35 0.87 0.00	50.25 0.96 0.00	52.67 1.22 0.00	41.83 1.23 0.00	56.93 1.81 0.00	68.47 2.09 0.00	73.74 2.85 0.00	50.41 2.35 -0.32	209.75 1.87 -164.72	60.54 2.04 -12.01	97.59 2.21 -42.87	60.42 2.71 0.00	59.78 2.87 0.00	65.15 3.18 0.00	74.53 3.69 -0.10	81.83 4.11 5.44	109.43 5.37 0.00	91.33 4.51 0.00	60.70 3.29 0.00	63.63 3.53 0.00	53.86 2.93 0.00	50.93 2.64 -0.33	46.24 2.28 0.00
PLATSBURG_115KV_PMLD1 355749	51.42 2.21 0.00	52.89 2.42 0.00	51.60 2.31 0.00	53.73 2.27 0.00	42.31 1.71 0.00	57.45 2.33 0.00	69.07 2.69 0.00	73.12 2.24 0.00	48.94 1.19 0.00	44.09 0.93 0.00	47.34 0.85 0.00	53.52 1.00 0.00	58.34 0.64 0.00	57.12 0.21 0.00	61.83 -0.13 0.00	70.76 0.01 0.00	83.43 0.27 0.00	104.37 0.30 0.00	87.22 0.41 0.00	57.37 -0.04 0.00	60.10 0.00 0.00	51.09 0.16 0.00	48.24 0.28 0.00	44.30 0.33 0.00
PLEASANTVLY___LBMP 24000	50.54 1.32 0.00	51.64 1.16 0.00	50.48 1.20 0.00	52.89 1.43 0.00	41.90 1.30 0.00	57.01 1.90 0.00	68.68 2.29 0.00	73.72 2.84 0.00	50.24 2.27 -0.22	164.60 1.88 -119.56	57.26 2.01 -8.75	84.32 2.20 -29.60	60.18 2.47 0.00	59.57 2.66 0.00	64.94 2.97 0.00	74.24 3.49 0.00	87.05 3.89 0.00	109.16 5.09 0.00	91.16 4.35 0.00	60.53 3.11 0.00	63.37 3.26 0.00	53.63 2.69 0.00	50.60 2.35 -0.29	45.94 1.98 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	50.70 1.48 0.00	51.78 1.31 0.00	50.63 1.35 0.00	53.06 1.60 0.00	42.07 1.46 0.00	57.28 2.16 0.00	69.01 2.63 0.00	74.12 3.24 0.00	50.58 2.55 -0.29	195.50 2.12 -150.22	59.85 2.36 -11.00	93.79 2.50 -38.77	60.58 2.87 0.00	59.95 3.04 0.00	65.36 3.39 0.00	74.71 3.97 0.00	87.61 4.45 0.00	109.89 5.83 0.00	91.75 4.94 0.00	60.93 3.51 0.00	63.79 3.68 0.00	53.95 3.02 0.00	50.99 2.65 -0.38	46.22 2.26 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	50.70 1.48 0.00	51.78 1.31 0.00	50.63 1.35 0.00	53.06 1.60 0.00	42.07 1.46 0.00	57.28 2.16 0.00	69.01 2.63 0.00	74.12 3.24 0.00	50.58 2.55 -0.29	195.50 2.12 -150.22	59.85 2.36 -11.00	93.79 2.50 -38.77	60.58 2.87 0.00	59.95 3.04 0.00	65.36 3.39 0.00	74.71 3.97 0.00	87.61 4.45 0.00	109.89 5.83 0.00	91.75 4.94 0.00	60.93 3.51 0.00	63.79 3.68 0.00	53.95 3.02 0.00	50.99 2.65 -0.38	46.22 2.26 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	51.09 1.87 0.00	52.16 1.69 0.00	50.99 1.70 0.00	53.41 1.96 0.00	42.34 1.74 0.00	57.67 2.55 0.00	69.60 3.22 0.00	74.78 3.90 0.00	50.79 2.95 -0.09	94.24 2.47 -48.61	52.73 2.68 -3.56	67.63 2.95 -12.16	61.02 3.32 0.00	60.44 3.53 0.00	65.87 3.90 0.00	75.31 4.57 0.00	88.42 5.26 0.00	110.91 6.85 0.00	92.56 5.74 0.00	61.42 4.00 0.00	64.21 4.11 0.00	54.30 3.36 0.00	51.00 2.92 -0.12	46.44 2.48 0.00
POLETTI___ 23519	50.44 1.22 0.00	51.58 1.11 0.00	50.50 1.22 0.00	52.97 1.51 0.00	42.04 1.44 0.00	57.22 2.11 0.00	68.72 2.34 0.00	73.88 3.00 0.00	50.53 2.46 -0.32	209.25 2.01 -164.08	60.66 2.16 -12.01	97.76 2.38 -42.87	60.53 2.82 0.00	59.89 2.98 0.00	65.26 3.30 0.00	74.58 3.83 0.00	87.47 4.30 0.00	109.68 5.62 0.00	91.55 4.73 0.00	60.82 3.40 0.00	63.73 3.63 0.00	53.97 3.04 0.00	51.28 2.90 -0.42	46.45 2.49 0.00
POMONA___ESR 323819	50.35 1.13 0.00	51.41 0.94 0.00	50.28 1.00 0.00	52.71 1.25 0.00	41.80 1.20 0.00	56.93 1.81 0.00	68.69 2.31 0.00	73.79 2.91 0.00	49.41 2.21 0.54	-526.98 1.87 572.01	6.46 2.04 42.07	-18.52 2.12 73.16	60.13 2.43 0.00	59.50 2.58 0.00	64.87 2.91 0.00	74.10 3.36 0.00	86.91 3.75 0.00	109.00 4.94 0.00	90.97 4.15 0.00	60.38 2.96 0.00	63.25 3.14 0.00	53.48 2.54 0.00	49.41 2.17 0.71	45.79 1.83 0.00
PORT_JEFF_3 23555	51.83 2.61 0.00	52.63 2.16 0.00	51.47 2.19 0.00	54.08 2.63 0.00	43.02 2.42 0.00	58.73 3.62 0.00	70.75 4.37 0.00	75.73 4.84 0.00	51.80 3.73 -0.32	209.68 2.77 -163.75	61.88 3.40 -11.99	98.82 3.54 -42.77	61.81 4.10 0.00	60.85 3.94 0.00	66.73 4.76 0.00	76.33 5.58 0.00	89.11 5.94 0.00	112.16 8.09 0.00	94.21 7.39 0.00	67.85 5.31 -5.12	65.43 5.33 0.00	55.44 4.51 0.00	52.23 3.85 -0.42	47.21 3.25 0.00

PORT_JEFF_4 23616	51.83 2.61 0.00	52.63 2.16 0.00	51.47 2.19 0.00	54.08 2.63 0.00	43.02 2.42 0.00	58.73 3.62 0.00	70.75 4.37 0.00	75.73 4.84 0.00	51.80 3.73 -0.32	209.68 2.77 -163.75	61.88 3.40 -11.99	98.82 3.54 -42.77	61.81 4.10 0.00	60.85 3.94 0.00	66.73 4.76 0.00	76.33 5.58 0.00	89.11 5.94 0.00	112.16 8.09 0.00	94.21 7.39 0.00	67.85 5.31 -5.12	65.43 5.33 0.00	55.44 4.51 0.00	52.23 3.85 -0.42	47.21 3.25 0.00
PORT_JEFF_IC 23713	51.86 2.64 0.00	52.65 2.18 0.00	51.49 2.21 0.00	54.11 2.66 0.00	43.04 2.44 0.00	58.78 3.66 0.00	70.82 4.43 0.00	75.81 4.93 0.00	51.85 3.78 -0.32	209.70 2.80 -163.75	61.92 3.44 -11.99	98.88 3.59 -42.77	61.87 4.17 0.00	60.92 4.01 0.00	66.82 4.85 0.00	76.42 5.67 0.00	89.05 5.89 0.00	112.13 8.07 0.00	94.35 7.53 0.00	67.95 5.40 -5.12	65.52 5.41 0.00	55.51 4.57 0.00	52.28 3.90 -0.42	47.25 3.29 0.00
PPL_PILGRIM_ST_GT1 24216	51.99 2.77 0.00	52.80 2.33 0.00	51.66 2.37 0.00	54.28 2.82 0.00	43.15 2.54 0.00	58.88 3.76 0.00	70.91 4.53 0.00	75.54 4.65 0.00	51.72 3.66 -0.32	209.85 2.94 -163.75	62.10 3.62 -11.99	99.00 3.72 -42.77	62.00 4.29 0.00	61.03 4.12 0.00	66.56 4.59 0.00	75.84 5.10 0.00	88.74 5.58 0.00	111.62 7.55 0.00	93.94 7.12 0.00	68.03 5.49 -5.12	65.60 5.49 0.00	55.57 4.64 0.00	52.36 3.97 -0.42	47.36 3.40 0.00
PPL_PILGRIM_ST_GT2 24217	51.99 2.77 0.00	52.80 2.33 0.00	51.66 2.37 0.00	54.28 2.82 0.00	43.15 2.54 0.00	58.88 3.76 0.00	70.91 4.53 0.00	75.54 4.65 0.00	51.72 3.66 -0.32	209.85 2.94 -163.75	62.10 3.62 -11.99	99.00 3.72 -42.77	62.00 4.29 0.00	61.03 4.12 0.00	66.56 4.59 0.00	75.84 5.10 0.00	88.74 5.58 0.00	111.62 7.55 0.00	93.94 7.12 0.00	68.03 5.49 -5.12	65.60 5.49 0.00	55.57 4.64 0.00	52.36 3.97 -0.42	47.36 3.40 0.00
PPL_SHRM_GT3 24213	52.17 2.95 0.00	52.95 2.48 0.00	51.79 2.50 0.00	54.44 2.98 0.00	43.33 2.73 0.00	59.20 4.08 0.00	71.40 5.01 0.00	76.44 5.55 0.00	52.22 4.15 -0.32	209.93 3.03 -163.75	62.14 3.67 -11.99	99.15 3.86 -42.77	62.19 4.49 0.00	61.29 4.38 0.00	67.23 5.26 0.00	76.93 6.18 0.00	90.15 6.98 0.00	113.46 9.39 0.00	94.93 8.11 0.00	68.24 5.70 -5.12	65.85 5.74 0.00	55.76 4.82 0.00	52.61 4.23 -0.42	47.47 3.51 0.00
PPL_SHRM_GT4 24214	52.17 2.95 0.00	52.95 2.48 0.00	51.79 2.50 0.00	54.44 2.98 0.00	43.33 2.73 0.00	59.20 4.08 0.00	71.40 5.01 0.00	76.44 5.55 0.00	52.22 4.15 -0.32	209.93 3.03 -163.75	62.14 3.67 -11.99	99.15 3.86 -42.77	62.19 4.49 0.00	61.29 4.38 0.00	67.23 5.26 0.00	76.93 6.18 0.00	90.15 6.98 0.00	113.46 9.39 0.00	94.93 8.11 0.00	68.24 5.70 -5.12	65.85 5.74 0.00	55.76 4.82 0.00	52.61 4.23 -0.42	47.47 3.51 0.00
PROJECT___ORANGE 1 24174	48.04 -1.18 0.00	49.15 -1.32 0.00	47.95 -1.34 0.00	50.16 -1.30 0.00	39.71 -0.89 0.00	53.98 -1.14 0.00	65.10 -1.28 0.00	69.52 -1.36 0.00	46.89 -0.86 0.00	42.52 -0.64 0.00	45.76 -0.73 0.00	51.66 -0.86 0.00	56.85 -0.86 0.00	56.09 -0.83 0.00	61.05 -0.91 0.00	69.73 -1.01 0.00	81.95 -1.21 0.00	102.50 -1.56 0.00	85.50 -1.32 0.00	56.45 -0.97 0.00	58.87 -1.23 0.00	49.85 -1.08 0.00	46.93 -1.03 0.00	43.03 -0.94 0.00
PROJECT___ORANGE 2 24166	48.04 -1.18 0.00	49.15 -1.32 0.00	47.95 -1.34 0.00	50.16 -1.30 0.00	39.71 -0.89 0.00	53.98 -1.14 0.00	65.10 -1.28 0.00	69.52 -1.36 0.00	46.89 -0.86 0.00	42.52 -0.64 0.00	45.76 -0.73 0.00	51.66 -0.86 0.00	56.85 -0.86 0.00	56.09 -0.83 0.00	61.05 -0.91 0.00	69.73 -1.01 0.00	81.95 -1.21 0.00	102.50 -1.56 0.00	85.50 -1.32 0.00	56.45 -0.97 0.00	58.87 -1.23 0.00	49.85 -1.08 0.00	46.93 -1.03 0.00	43.03 -0.94 0.00
PUCKETT___SOLAR 323809	49.84 0.62 0.00	51.04 0.56 0.00	49.72 0.44 0.00	52.05 0.59 0.00	41.04 0.44 0.00	55.58 0.47 0.00	67.09 0.70 0.00	71.76 0.87 0.00	48.19 0.49 0.05	17.52 0.74 26.37	45.15 0.59 1.93	46.65 0.65 6.52	58.54 0.84 0.00	57.57 0.66 0.00	62.71 0.74 0.00	71.74 0.99 0.00	84.69 1.53 0.00	107.61 2.30 -1.25	88.50 1.68 0.00	58.47 1.05 0.00	60.93 0.82 0.00	51.64 0.71 0.00	48.54 0.62 0.04	44.59 0.62 0.00
PYRITES___HYD 24023	51.67 2.45 0.00	53.20 2.73 0.00	51.92 2.63 0.00	53.92 2.46 0.00	42.15 1.55 0.00	56.67 1.55 0.00	67.70 1.31 0.00	72.41 1.53 0.00	49.33 1.58 0.00	44.16 1.00 0.00	47.89 1.40 0.00	54.14 1.62 0.00	59.36 1.66 0.00	58.64 1.73 0.00	61.70 -0.27 0.00	69.24 -1.51 0.00	81.32 -1.84 0.00	102.56 -1.51 0.00	85.89 -0.93 0.00	56.69 -0.72 0.00	59.02 -1.09 0.00	50.34 -0.60 0.00	47.48 -0.48 0.00	44.68 0.72 0.00
QUAKERRD_115KV_BK1 80622	46.45 -2.77 0.00	47.35 -3.12 0.00	46.13 -3.15 0.00	48.24 -3.22 0.00	38.23 -2.37 0.00	51.87 -3.24 0.00	62.31 -4.07 0.00	66.26 -4.62 0.00	44.79 -2.95 0.00	40.87 -2.29 0.00	44.01 -2.49 0.00	49.67 -2.85 0.00	54.71 -2.99 0.00	53.93 -2.98 0.00	58.62 -3.35 0.00	67.01 -3.74 0.00	79.07 -4.09 0.00	98.70 -5.36 0.00	82.03 -4.79 0.00	53.80 -3.61 0.00	55.86 -4.24 0.00	47.37 -3.56 0.00	44.79 -3.17 0.00	41.35 -2.61 0.00
QUEENSBRY_115KV_TB8 356137	51.76 2.54 0.00	53.04 2.56 0.00	51.98 2.70 0.00	54.32 2.86 0.00	42.95 2.35 0.00	58.60 3.49 0.00	70.73 4.35 0.00	75.66 4.78 0.00	51.11 3.29 -0.07	82.45 2.87 -36.42	52.14 2.98 -2.67	64.94 3.40 -9.02	61.29 3.58 0.00	60.75 3.83 0.00	66.29 4.33 0.00	76.12 5.37 0.00	89.47 6.30 0.00	111.89 7.83 0.00	93.99 7.17 0.00	62.09 4.67 0.00	64.77 4.67 0.00	54.67 3.73 0.00	51.28 3.23 -0.09	46.60 2.64 0.00
RAMAPO___LBMP 323565	50.25 1.03 0.00	51.31 0.83 0.00	50.18 0.90 0.00	52.60 1.14 0.00	41.70 1.10 0.00	56.81 1.69 0.00	68.47 2.09 0.00	73.52 2.63 0.00	49.22 2.00 0.52	-238.73 1.64 283.53	27.53 1.80 20.76	-16.13 1.87 70.52	59.88 2.17 0.00	59.26 2.35 0.00	64.57 2.60 0.00	73.77 3.03 0.00	86.50 3.34 0.00	108.48 4.42 0.00	90.59 3.77 0.00	60.18 2.77 0.00	63.05 2.94 0.00	53.30 2.37 0.00	49.25 1.99 0.70	45.64 1.68 0.00
RANKINE____ 23646	47.62 -1.60 0.00	48.27 -2.20 0.00	46.93 -2.36 0.00	49.08 -2.37 0.00	38.86 -1.74 0.00	52.61 -2.51 0.00	62.57 -3.82 0.00	65.98 -4.91 0.00	44.72 -3.03 0.00	41.15 -2.01 0.00	44.17 -2.32 0.00	49.76 -2.76 0.00	55.05 -2.65 0.00	54.14 -2.77 0.00	58.82 -3.15 0.00	67.36 -3.38 0.00	79.41 -3.75 0.00	98.86 -5.20 0.00	81.92 -4.89 0.00	53.31 -4.11 0.00	55.08 -5.02 0.00	47.02 -3.91 0.00	44.86 -3.10 0.00	41.89 -2.07 0.00
RAVENSWOOD_GT2_1 24244	50.64 1.42 0.00	51.70 1.23 0.00	50.59 1.31 0.00	53.04 1.58 0.00	42.09 1.48 0.00	57.31 2.19 0.00	68.96 2.58 0.00	74.16 3.28 0.00	50.68 2.62 -0.32	209.32 2.17 -164.00	60.86 2.37 -12.00	97.94 2.58 -42.84	60.74 3.03 0.00	60.09 3.18 0.00	65.49 3.53 0.00	74.85 4.11 0.00	87.77 4.61 0.00	110.08 6.01 0.00	91.85 5.03 0.00	61.03 3.61 0.00	63.94 3.83 0.00	54.11 3.17 0.00	51.23 2.85 -0.42	46.40 2.44 0.00

RAVENSWOOD_GT2_2 24245	50.64 1.42 0.00	51.70 1.23 0.00	50.59 1.31 0.00	53.04 1.58 0.00	42.09 1.48 0.00	57.31 2.19 0.00	68.96 2.58 0.00	74.16 3.28 0.00	50.68 2.62 -0.32	209.32 2.17 -164.00	60.86 2.37 -12.00	97.94 2.58 -42.84	60.74 3.03 0.00	60.09 3.18 0.00	65.49 3.53 0.00	74.85 4.11 0.00	87.77 4.61 0.00	110.08 6.01 0.00	91.85 5.03 0.00	61.03 3.61 0.00	63.94 3.83 0.00	54.11 3.17 0.00	51.23 2.85 -0.42	46.40 2.44 0.00
RAVENSWOOD_GT2_3 24246	50.66 1.43 0.00	51.72 1.25 0.00	50.59 1.31 0.00	53.06 1.60 0.00	42.10 1.50 0.00	57.33 2.21 0.00	69.00 2.61 0.00	74.18 3.30 0.00	50.71 2.65 -0.32	209.34 2.19 -164.00	60.88 2.39 -12.00	97.97 2.61 -42.84	60.77 3.06 0.00	60.12 3.21 0.00	65.53 3.56 0.00	74.89 4.15 0.00	87.82 4.66 0.00	110.13 6.06 0.00	91.91 5.09 0.00	61.05 3.63 0.00	63.98 3.87 0.00	54.14 3.21 0.00	51.25 2.87 -0.42	46.41 2.45 0.00
RAVENSWOOD_GT2_4 24247	50.66 1.43 0.00	51.72 1.25 0.00	50.59 1.31 0.00	53.06 1.60 0.00	42.10 1.50 0.00	57.33 2.21 0.00	69.00 2.61 0.00	74.18 3.30 0.00	50.71 2.65 -0.32	209.34 2.19 -164.00	60.88 2.39 -12.00	97.97 2.61 -42.84	60.77 3.06 0.00	60.12 3.21 0.00	65.53 3.56 0.00	74.89 4.15 0.00	87.82 4.66 0.00	110.13 6.06 0.00	91.91 5.09 0.00	61.05 3.63 0.00	63.98 3.87 0.00	54.14 3.21 0.00	51.25 2.87 -0.42	46.41 2.45 0.00
RAVENSWOOD_GT3_1 24248	50.64 1.42 0.00	51.70 1.23 0.00	50.59 1.31 0.00	53.04 1.58 0.00	42.09 1.48 0.00	57.31 2.19 0.00	68.96 2.58 0.00	74.16 3.28 0.00	50.69 2.62 -0.32	209.32 2.17 -164.00	60.86 2.37 -12.00	97.94 2.58 -42.84	60.74 3.03 0.00	60.09 3.18 0.00	65.49 3.53 0.00	74.85 4.11 0.00	87.77 4.61 0.00	110.08 6.01 0.00	91.86 5.04 0.00	61.03 3.61 0.00	63.94 3.83 0.00	54.11 3.17 0.00	51.24 2.86 -0.42	46.40 2.44 0.00
RAVENSWOOD_GT3_2 24249	50.64 1.42 0.00	51.70 1.23 0.00	50.59 1.31 0.00	53.04 1.58 0.00	42.09 1.48 0.00	57.31 2.19 0.00	68.96 2.58 0.00	74.16 3.28 0.00	50.69 2.62 -0.32	209.32 2.17 -164.00	60.86 2.37 -12.00	97.94 2.58 -42.84	60.74 3.03 0.00	60.09 3.18 0.00	65.49 3.53 0.00	74.85 4.11 0.00	87.77 4.61 0.00	110.08 6.01 0.00	91.86 5.04 0.00	61.03 3.61 0.00	63.94 3.83 0.00	54.11 3.17 0.00	51.24 2.86 -0.42	46.40 2.44 0.00
RAVENSWOOD_GT3_3 24250	50.70 1.49 0.00	51.77 1.30 0.00	50.64 1.36 0.00	53.10 1.65 0.00	42.14 1.54 0.00	57.38 2.26 0.00	69.07 2.68 0.00	74.25 3.37 0.00	50.77 2.71 -0.32	209.40 2.25 -164.00	60.93 2.44 -12.00	98.03 2.68 -42.84	60.85 3.15 0.00	60.18 3.27 0.00	65.61 3.64 0.00	74.98 4.23 0.00	87.93 4.77 0.00	110.25 6.19 0.00	92.02 5.20 0.00	61.13 3.71 0.00	64.04 3.94 0.00	54.20 3.26 0.00	51.30 2.92 -0.42	46.45 2.49 0.00
RAVENSWOOD_GT3_4 24251	50.70 1.49 0.00	51.77 1.30 0.00	50.64 1.36 0.00	53.10 1.65 0.00	42.14 1.54 0.00	57.38 2.26 0.00	69.07 2.68 0.00	74.25 3.37 0.00	50.77 2.71 -0.32	209.40 2.25 -164.00	60.93 2.44 -12.00	98.03 2.68 -42.84	60.85 3.15 0.00	60.18 3.27 0.00	65.61 3.64 0.00	74.98 4.23 0.00	87.93 4.77 0.00	110.25 6.19 0.00	92.02 5.20 0.00	61.13 3.71 0.00	64.04 3.94 0.00	54.20 3.26 0.00	51.30 2.92 -0.42	46.45 2.49 0.00
RAVENSWOOD_GT_1 23729	50.75 1.53 0.00	51.78 1.31 0.00	50.67 1.38 0.00	53.13 1.67 0.00	42.16 1.55 0.00	57.40 2.28 0.00	69.06 2.68 0.00	74.26 3.38 0.00	50.80 2.74 -0.32	209.41 2.25 -164.00	60.97 2.48 -12.00	98.06 2.70 -42.84	60.91 3.21 0.00	60.23 3.32 0.00	65.64 3.67 0.00	75.01 4.27 0.00	87.95 4.79 0.00	110.28 6.22 0.00	92.03 5.21 0.00	61.18 3.77 0.00	64.12 4.02 0.00	54.26 3.33 0.00	51.33 2.95 -0.42	46.50 2.54 0.00
RAVENSWOOD_GT_10 24258	50.64 1.42 0.00	51.70 1.23 0.00	50.59 1.30 0.00	53.04 1.58 0.00	42.09 1.48 0.00	57.31 2.19 0.00	68.96 2.58 0.00	74.16 3.28 0.00	50.68 2.62 -0.32	209.33 2.17 -164.00	60.86 2.37 -12.00	97.94 2.58 -42.84	60.74 3.03 0.00	60.09 3.18 0.00	65.49 3.53 0.00	74.85 4.11 0.00	87.77 4.61 0.00	110.08 6.01 0.00	91.86 5.04 0.00	61.03 3.61 0.00	63.94 3.83 0.00	54.11 3.17 0.00	51.23 2.85 -0.42	46.40 2.44 0.00
RAVENSWOOD_GT_11 24259	50.64 1.42 0.00	51.70 1.23 0.00	50.59 1.30 0.00	53.04 1.58 0.00	42.09 1.48 0.00	57.31 2.19 0.00	68.96 2.58 0.00	74.16 3.28 0.00	50.68 2.62 -0.32	209.33 2.17 -164.00	60.86 2.37 -12.00	97.94 2.58 -42.84	60.74 3.03 0.00	60.09 3.18 0.00	65.49 3.53 0.00	74.85 4.11 0.00	87.77 4.61 0.00	110.08 6.01 0.00	91.86 5.04 0.00	61.03 3.61 0.00	63.94 3.83 0.00	54.11 3.17 0.00	51.23 2.85 -0.42	46.40 2.44 0.00
RAVENSWOOD_GT_4 24252	50.65 1.43 0.00	51.71 1.24 0.00	50.58 1.30 0.00	53.05 1.59 0.00	42.09 1.49 0.00	57.31 2.20 0.00	68.98 2.60 0.00	74.18 3.30 0.00	50.68 2.62 -0.32	209.33 2.18 -164.00	60.87 2.37 -12.00	97.94 2.59 -42.84	60.74 3.03 0.00	60.08 3.17 0.00	65.49 3.52 0.00	74.84 4.10 0.00	87.77 4.61 0.00	110.08 6.01 0.00	91.86 5.04 0.00	61.03 3.61 0.00	63.93 3.82 0.00	54.11 3.17 0.00	51.23 2.85 -0.42	46.40 2.44 0.00
RAVENSWOOD_GT_5 24254	50.65 1.43 0.00	51.71 1.24 0.00	50.58 1.30 0.00	53.05 1.59 0.00	42.09 1.49 0.00	57.31 2.20 0.00	68.98 2.60 0.00	74.18 3.30 0.00	50.68 2.62 -0.32	209.33 2.18 -164.00	60.87 2.37 -12.00	97.94 2.59 -42.84	60.74 3.03 0.00	60.08 3.17 0.00	65.49 3.52 0.00	74.84 4.10 0.00	87.77 4.61 0.00	110.08 6.01 0.00	91.86 5.04 0.00	61.03 3.61 0.00	63.93 3.82 0.00	54.11 3.17 0.00	51.23 2.85 -0.42	46.40 2.44 0.00
RAVENSWOOD_GT_6 24253	50.65 1.43 0.00	51.71 1.24 0.00	50.58 1.30 0.00	53.05 1.59 0.00	42.09 1.49 0.00	57.31 2.20 0.00	68.98 2.60 0.00	74.18 3.30 0.00	50.68 2.62 -0.32	209.33 2.18 -164.00	60.87 2.37 -12.00	97.94 2.59 -42.84	60.74 3.03 0.00	60.08 3.17 0.00	65.49 3.52 0.00	74.84 4.10 0.00	87.77 4.61 0.00	110.08 6.01 0.00	91.86 5.04 0.00	61.03 3.61 0.00	63.93 3.82 0.00	54.11 3.17 0.00	51.23 2.85 -0.42	46.40 2.44 0.00
RAVENSWOOD_GT_7 24255	50.65 1.43 0.00	51.71 1.24 0.00	50.58 1.30 0.00	53.05 1.59 0.00	42.09 1.49 0.00	57.31 2.20 0.00	68.98 2.60 0.00	74.18 3.30 0.00	50.68 2.62 -0.32	209.33 2.18 -164.00	60.87 2.37 -12.00	97.94 2.59 -42.84	60.74 3.03 0.00	60.08 3.17 0.00	65.49 3.52 0.00	74.84 4.10 0.00	87.77 4.61 0.00	110.08 6.01 0.00	91.86 5.04 0.00	61.03 3.61 0.00	63.93 3.82 0.00	54.11 3.17 0.00	51.23 2.85 -0.42	46.40 2.44 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.64 1.42 0.00	51.70 1.23 0.00	50.59 1.30 0.00	53.04 1.58 0.00	42.09 1.48 0.00	57.31 2.19 0.00	68.96 2.58 0.00	74.16 3.28 0.00	50.68 2.62 -0.32	209.33 2.17 -164.00	60.86 2.37 -12.00	97.94 2.58 -42.84	60.74 3.03 0.00	60.09 3.18 0.00	65.49 3.53 0.00	74.85 4.11 0.00	87.77 4.61 0.00	110.08 6.01 0.00	91.86 5.04 0.00	61.03 3.61 0.00	63.94 3.83 0.00	54.11 3.17 0.00	51.23 2.85 -0.42	46.40 2.44 0.00

RAVENSWOOD_GT_9 24257	50.64 1.42 0.00	51.70 1.23 0.00	50.59 1.30 0.00	53.04 1.58 0.00	42.09 1.48 0.00	57.31 2.19 0.00	68.96 2.58 0.00	74.16 3.28 0.00	50.68 2.62 -0.32	209.33 2.17 -164.00	60.86 2.37 -12.00	97.94 2.58 -42.84	60.74 3.03 0.00	60.09 3.18 0.00	65.49 3.53 0.00	74.85 4.11 0.00	87.77 4.61 0.00	110.08 6.01 0.00	91.86 5.04 0.00	61.03 3.61 0.00	63.94 3.83 0.00	54.11 3.17 0.00	51.23 2.85 -0.42	46.40 2.44 0.00
RAVENSWOOD___1 23533	50.65 1.44 0.00	51.69 1.22 0.00	50.58 1.30 0.00	53.04 1.58 0.00	42.08 1.48 0.00	57.29 2.18 0.00	68.95 2.57 0.00	74.15 3.27 0.00	50.72 2.65 -0.32	209.33 2.17 -164.00	60.88 2.39 -12.00	97.96 2.60 -42.84	60.80 3.10 0.00	60.14 3.23 0.00	65.55 3.58 0.00	74.92 4.17 0.00	87.82 4.66 0.00	110.14 6.07 0.00	91.91 5.09 0.00	61.10 3.68 0.00	64.01 3.91 0.00	54.16 3.22 0.00	51.27 2.88 -0.42	46.43 2.47 0.00
RAVENSWOOD___2 23534	50.65 1.44 0.00	51.69 1.22 0.00	50.58 1.30 0.00	53.04 1.58 0.00	42.08 1.48 0.00	57.29 2.18 0.00	68.95 2.57 0.00	74.15 3.27 0.00	50.72 2.65 -0.32	209.33 2.17 -164.00	60.88 2.39 -12.00	97.96 2.60 -42.84	60.80 3.10 0.00	60.14 3.23 0.00	65.55 3.58 0.00	74.92 4.17 0.00	87.82 4.66 0.00	110.14 6.07 0.00	91.91 5.09 0.00	61.10 3.68 0.00	64.01 3.91 0.00	54.16 3.22 0.00	51.27 2.88 -0.42	46.43 2.47 0.00
RAVENSWOOD___3 23535	50.65 1.43 0.00	51.70 1.23 0.00	50.59 1.31 0.00	53.04 1.58 0.00	42.09 1.48 0.00	57.31 2.19 0.00	68.97 2.58 0.00	74.17 3.28 0.00	50.68 2.62 -0.32	209.33 2.17 -164.00	60.86 2.37 -12.00	97.94 2.58 -42.84	60.74 3.03 0.00	60.09 3.17 0.00	65.49 3.52 0.00	74.85 4.10 0.00	87.77 4.61 0.00	110.08 6.01 0.00	91.86 5.04 0.00	61.04 3.62 0.00	63.94 3.83 0.00	54.11 3.18 0.00	51.24 2.86 -0.42	46.40 2.43 0.00
RAVENSWOOD___4 23820	50.65 1.44 0.00	51.69 1.22 0.00	50.58 1.30 0.00	53.04 1.58 0.00	42.08 1.48 0.00	57.29 2.18 0.00	68.95 2.57 0.00	74.15 3.27 0.00	50.72 2.65 -0.32	209.33 2.17 -164.00	60.88 2.39 -12.00	97.96 2.60 -42.84	60.80 3.10 0.00	60.14 3.23 0.00	65.55 3.58 0.00	74.92 4.17 0.00	87.82 4.66 0.00	110.14 6.07 0.00	91.91 5.09 0.00	61.10 3.68 0.00	64.01 3.91 0.00	54.16 3.22 0.00	51.27 2.88 -0.42	46.43 2.47 0.00
RCPL_TRUST___DRP 24196	50.70 1.49 0.00	51.78 1.31 0.00	50.65 1.36 0.00	53.11 1.65 0.00	42.14 1.54 0.00	57.38 2.26 0.00	69.07 2.69 0.00	74.30 3.42 0.00	50.78 2.71 -0.32	209.69 2.27 -164.26	60.98 2.47 -12.02	98.14 2.70 -42.92	60.85 3.15 0.00	60.19 3.28 0.00	65.61 3.64 0.00	74.98 4.24 0.00	87.93 4.77 0.00	110.25 6.18 0.00	92.00 5.18 0.00	61.10 3.68 0.00	64.01 3.90 0.00	54.17 3.24 0.00	51.28 2.90 -0.42	46.43 2.47 0.00
RED___ROCHESTER 323720	47.54 -1.68 0.00	48.40 -2.07 0.00	47.13 -2.16 0.00	49.28 -2.18 0.00	39.07 -1.53 0.00	53.02 -2.10 0.00	63.62 -2.76 0.00	67.56 -3.33 0.00	45.72 -2.03 0.00	41.82 -1.34 0.00	45.06 -1.43 0.00	50.96 -1.56 0.00	56.13 -1.57 0.00	55.31 -1.61 0.00	60.10 -1.87 0.00	68.56 -2.19 0.00	80.94 -2.22 0.00	98.28 -2.99 2.80	83.93 -2.89 0.00	54.95 -2.47 0.00	56.98 -3.13 0.00	48.33 -2.61 0.00	45.73 -2.23 0.00	42.27 -1.69 0.00
REGAN___SOLAR 323812	52.02 2.80 0.00	53.23 2.75 0.00	51.98 2.70 0.00	54.26 2.81 0.00	42.96 2.36 0.00	58.63 3.51 0.00	70.82 4.43 0.00	75.74 4.86 0.00	50.61 2.81 -0.05	72.24 1.85 -27.22	50.66 2.17 -1.99	62.44 3.18 -6.74	61.38 3.68 0.00	60.74 3.83 0.00	66.04 4.07 0.00	75.54 4.80 0.00	89.05 5.89 0.00	111.72 7.66 0.00	93.21 6.39 0.00	61.59 4.18 0.00	64.30 4.20 0.00	54.33 3.40 0.00	50.92 2.89 -0.07	46.49 2.53 0.00
RENSSELAER___COGEN 23796	50.32 1.11 0.00	51.53 1.06 0.00	50.39 1.11 0.00	52.59 1.13 0.00	41.29 0.69 0.00	55.65 0.53 0.00	67.04 0.66 0.00	71.82 0.93 0.00	48.64 0.82 -0.07	81.53 0.59 -37.78	49.84 0.58 -2.77	62.60 0.73 -9.36	58.42 0.72 0.00	57.83 0.92 0.00	63.08 1.11 0.00	72.13 1.39 0.00	84.52 1.36 0.00	105.92 1.86 0.00	88.52 1.70 0.00	58.63 1.21 0.00	61.38 1.27 0.00	52.01 1.08 0.00	49.23 1.18 -0.09	44.93 0.96 0.00
REPUBLIC_115KV_BARTNBRK 55605	53.91 4.69 0.00	55.48 5.01 0.00	54.38 5.09 0.00	56.85 5.40 0.00	45.11 4.50 0.00	61.98 6.86 0.00	74.69 8.31 0.00	79.72 8.84 0.00	53.92 6.11 -0.07	85.22 5.51 -36.55	55.31 6.15 -2.68	68.00 6.43 -9.05	63.82 6.12 0.00	63.30 6.38 0.00	69.38 7.41 0.00	80.28 9.54 0.00	94.82 11.66 0.00	118.73 14.67 0.00	100.30 13.48 0.00	66.10 8.68 0.00	68.57 8.46 0.00	58.09 7.16 0.00	54.18 6.13 -0.09	49.10 5.13 0.00
REVERE_CPPR_DRP 24186	50.73 1.51 0.00	51.99 1.52 0.00	50.77 1.48 0.00	53.03 1.57 0.00	41.93 1.33 0.00	57.12 2.00 0.00	69.15 2.77 0.00	73.96 3.07 0.00	49.85 2.11 0.00	44.94 1.79 0.00	48.40 1.91 0.00	54.55 2.03 0.00	60.01 2.31 0.00	59.22 2.31 0.00	64.38 2.41 0.00	73.44 2.69 0.00	86.34 3.18 0.00	107.97 3.90 0.00	90.21 3.39 0.00	59.67 2.25 0.00	62.20 2.09 0.00	52.53 1.59 0.00	49.26 1.30 0.00	45.04 1.08 0.00
REYNOLDS_115KV_TB3 80639	50.49 1.27 0.00	51.69 1.21 0.00	50.56 1.28 0.00	52.79 1.33 0.00	41.56 0.96 0.00	56.12 1.00 0.00	67.57 1.19 0.00	72.40 1.51 0.00	49.04 1.22 -0.07	83.01 0.96 -38.89	50.30 0.96 -2.85	63.29 1.14 -9.63	58.82 1.12 0.00	58.25 1.34 0.00	63.56 1.59 0.00	72.71 1.97 0.00	85.11 1.95 0.00	106.66 2.60 0.00	89.18 2.36 0.00	59.07 1.65 0.00	61.85 1.75 0.00	52.40 1.47 0.00	49.49 1.44 -0.09	45.15 1.18 0.00
RIVERBAY____ 323610	50.99 1.77 0.00	51.93 1.46 0.00	50.86 1.57 0.00	53.33 1.87 0.00	42.29 1.69 0.00	57.64 2.53 0.00	69.32 2.93 0.00	74.78 3.89 0.00	51.14 3.08 -0.32	209.62 2.46 -164.00	61.28 2.78 -12.00	98.39 3.03 -42.84	61.24 3.53 0.00	60.53 3.62 0.00	65.94 3.97 0.00	75.42 4.68 0.00	88.42 5.25 0.00	110.92 6.86 0.00	92.45 5.63 0.00	61.47 4.06 0.00	64.34 4.23 0.00	54.36 3.43 0.00	51.48 3.10 -0.42	46.64 2.68 0.00
RIVERSDE_115KV_TB3 55908	50.46 1.24 0.00	51.66 1.19 0.00	50.52 1.24 0.00	52.74 1.28 0.00	41.45 0.85 0.00	55.90 0.78 0.00	67.34 0.96 0.00	72.14 1.26 0.00	48.87 1.05 -0.07	82.18 0.82 -38.21	50.10 0.81 -2.80	62.97 0.99 -9.46	58.68 0.98 0.00	58.11 1.20 0.00	63.39 1.42 0.00	72.50 1.76 0.00	84.92 1.75 0.00	106.40 2.34 0.00	88.93 2.11 0.00	58.91 1.50 0.00	61.67 1.57 0.00	52.25 1.32 0.00	49.41 1.36 -0.09	45.07 1.11 0.00
ROARING___BROOK_WT_PWR 323790	49.61 0.39 0.00	50.94 0.46 0.00	49.73 0.44 0.00	51.83 0.37 0.00	40.79 0.19 0.00	55.36 0.25 0.00	66.61 0.22 0.00	70.95 0.07 0.00	47.60 -0.15 0.00	42.96 -0.19 0.00	46.12 -0.37 0.00	51.96 -0.55 0.00	57.00 -0.71 0.00	55.95 -0.96 0.00	60.71 -1.26 0.00	69.24 -1.51 0.00	81.51 -1.66 0.00	102.27 -1.80 0.00	85.40 -1.42 0.00	56.37 -1.05 0.00	59.07 -1.03 0.00	50.03 -0.91 0.00	47.08 -0.88 0.00	43.15 -0.81 0.00

ROCHESRG_115KV_T4 355643	47.03 -2.18 0.00	47.92 -2.56 0.00	46.67 -2.62 0.00	48.78 -2.68 0.00	38.65 -1.95 0.00	52.42 -2.70 0.00	62.85 -3.53 0.00	66.71 -4.18 0.00	45.15 -2.60 0.00	41.25 -1.91 0.00	44.44 -2.06 0.00	50.17 -2.34 0.00	55.29 -2.42 0.00	54.48 -2.43 0.00	59.22 -2.75 0.00	67.66 -3.08 0.00	79.85 -3.31 0.00	99.63 -4.43 0.00	82.74 -4.08 0.00	54.19 -3.23 0.00	56.22 -3.89 0.00	47.71 -3.22 0.00	45.20 -2.77 0.00	41.82 -2.14 0.00
ROCHESTER_9_IC 23652	47.30 -1.93 0.00	48.17 -2.30 0.00	46.91 -2.37 0.00	49.04 -2.41 0.00	38.88 -1.72 0.00	52.74 -2.37 0.00	63.26 -3.12 0.00	67.18 -3.70 0.00	45.46 -2.29 0.00	41.55 -1.61 0.00	44.77 -1.72 0.00	50.65 -1.87 0.00	55.81 -1.90 0.00	55.00 -1.92 0.00	59.77 -2.20 0.00	68.15 -2.59 0.00	80.43 -2.73 0.00	100.38 -3.69 0.00	83.37 -3.45 0.00	54.59 -2.82 0.00	56.61 -3.49 0.00	48.04 -2.90 0.00	45.46 -2.49 0.00	42.06 -1.90 0.00
ROCKVIEW_13_KV_LD 356306	50.87 1.65 0.00	51.94 1.46 0.00	50.79 1.50 0.00	53.22 1.77 0.00	42.22 1.62 0.00	57.50 2.38 0.00	69.29 2.91 0.00	74.41 3.53 0.00	50.79 2.73 -0.32	209.64 2.29 -164.20	61.01 2.50 -12.02	98.13 2.72 -42.90	60.84 3.13 0.00	60.18 3.27 0.00	65.61 3.64 0.00	75.00 4.25 0.00	87.96 4.80 0.00	110.32 6.25 0.00	92.11 5.29 0.00	61.17 3.75 0.00	64.04 3.94 0.00	54.19 3.26 0.00	51.23 2.85 -0.42	46.39 2.43 0.00
ROME____115KV_TB2 80656	50.73 1.51 0.00	51.99 1.52 0.00	50.77 1.48 0.00	53.03 1.57 0.00	41.93 1.33 0.00	57.12 2.00 0.00	69.15 2.77 0.00	73.96 3.07 0.00	49.85 2.11 0.00	44.94 1.79 0.00	48.40 1.91 0.00	54.55 2.03 0.00	60.01 2.31 0.00	59.22 2.31 0.00	64.38 2.41 0.00	73.44 2.69 0.00	86.34 3.18 0.00	107.97 3.90 0.00	90.21 3.39 0.00	59.67 2.25 0.00	62.20 2.09 0.00	52.53 1.59 0.00	49.26 1.30 0.00	45.04 1.08 0.00
ROSETON___1 23587	50.44 1.22 0.00	51.52 1.05 0.00	50.38 1.10 0.00	52.77 1.32 0.00	41.82 1.22 0.00	56.92 1.80 0.00	68.59 2.21 0.00	73.59 2.70 0.00	49.05 1.72 0.42	-180.97 1.46 225.59	31.55 1.57 16.52	-1.75 1.65 55.91	59.57 1.87 0.00	58.94 2.02 0.00	64.23 2.27 0.00	73.38 2.64 0.00	86.11 2.95 0.00	107.95 3.89 0.00	90.12 3.30 0.00	59.82 2.41 0.00	62.64 2.54 0.00	52.96 2.03 0.00	49.10 1.71 0.56	45.39 1.43 0.00
ROSETON___2 23588	50.44 1.22 0.00	51.52 1.05 0.00	50.38 1.10 0.00	52.77 1.32 0.00	41.82 1.22 0.00	56.92 1.80 0.00	68.59 2.21 0.00	73.59 2.70 0.00	49.05 1.72 0.42	-180.97 1.46 225.59	31.55 1.57 16.52	-1.75 1.65 55.91	59.57 1.87 0.00	58.94 2.02 0.00	64.23 2.27 0.00	73.38 2.64 0.00	86.11 2.95 0.00	107.95 3.89 0.00	90.12 3.30 0.00	59.82 2.41 0.00	62.64 2.54 0.00	52.96 2.03 0.00	49.10 1.71 0.56	45.39 1.43 0.00
ROTRDAM_115KV_TB3 80664	50.25 1.03 0.00	51.44 0.97 0.00	50.27 0.99 0.00	52.55 1.10 0.00	41.52 0.92 0.00	56.39 1.28 0.00	67.95 1.57 0.00	72.66 1.78 0.00	49.10 1.29 -0.06	77.51 1.04 -33.31	50.00 1.07 -2.44	62.07 1.30 -8.25	59.14 1.44 0.00	58.47 1.56 0.00	63.72 1.75 0.00	72.85 2.11 0.00	85.49 2.33 0.00	107.07 3.01 0.00	89.44 2.62 0.00	59.22 1.80 0.00	61.96 1.85 0.00	52.43 1.49 0.00	49.35 1.31 -0.08	45.07 1.10 0.00
RUSSELL___1 23602	47.54 -1.68 0.00	48.40 -2.07 0.00	47.13 -2.16 0.00	49.28 -2.18 0.00	39.07 -1.53 0.00	53.01 -2.11 0.00	63.63 -2.76 0.00	67.56 -3.33 0.00	45.72 -2.03 0.00	41.81 -1.35 0.00	45.04 -1.44 0.00	50.94 -1.58 0.00	56.13 -1.57 0.00	55.31 -1.61 0.00	60.10 -1.86 0.00	68.56 -2.19 0.00	80.94 -2.22 0.00	101.07 -2.99 0.00	83.93 -2.89 0.00	54.95 -2.47 0.00	56.98 -3.13 0.00	48.32 -2.61 0.00	45.73 -2.23 0.00	42.27 -1.69 0.00
RUSSELL___2 23532	47.54 -1.68 0.00	48.40 -2.07 0.00	47.13 -2.16 0.00	49.28 -2.18 0.00	39.07 -1.53 0.00	53.01 -2.11 0.00	63.63 -2.76 0.00	67.56 -3.33 0.00	45.72 -2.03 0.00	41.81 -1.35 0.00	45.04 -1.44 0.00	50.94 -1.58 0.00	56.13 -1.57 0.00	55.31 -1.61 0.00	60.10 -1.86 0.00	68.56 -2.19 0.00	80.94 -2.22 0.00	101.07 -2.99 0.00	83.93 -2.89 0.00	54.95 -2.47 0.00	56.98 -3.13 0.00	48.32 -2.61 0.00	45.73 -2.23 0.00	42.27 -1.69 0.00
RUSSELL___3 23549	47.54 -1.68 0.00	48.40 -2.07 0.00	47.13 -2.16 0.00	49.28 -2.18 0.00	39.07 -1.53 0.00	53.01 -2.11 0.00	63.63 -2.76 0.00	67.56 -3.33 0.00	45.72 -2.03 0.00	41.81 -1.35 0.00	45.04 -1.44 0.00	50.94 -1.58 0.00	56.13 -1.57 0.00	55.31 -1.61 0.00	60.10 -1.86 0.00	68.56 -2.19 0.00	80.94 -2.22 0.00	101.07 -2.99 0.00	83.93 -2.89 0.00	54.95 -2.47 0.00	56.98 -3.13 0.00	48.32 -2.61 0.00	45.73 -2.23 0.00	42.27 -1.69 0.00
RUSSELL___4 23556	47.54 -1.68 0.00	48.40 -2.07 0.00	47.13 -2.16 0.00	49.28 -2.18 0.00	39.07 -1.53 0.00	53.01 -2.11 0.00	63.63 -2.76 0.00	67.56 -3.33 0.00	45.72 -2.03 0.00	41.81 -1.35 0.00	45.04 -1.44 0.00	50.94 -1.58 0.00	56.13 -1.57 0.00	55.31 -1.61 0.00	60.10 -1.86 0.00	68.56 -2.19 0.00	80.94 -2.22 0.00	101.07 -2.99 0.00	83.93 -2.89 0.00	54.95 -2.47 0.00	56.98 -3.13 0.00	48.32 -2.61 0.00	45.73 -2.23 0.00	42.27 -1.69 0.00
RUSSELL___STATION 23914	47.54 -1.68 0.00	48.40 -2.07 0.00	47.13 -2.16 0.00	49.28 -2.18 0.00	39.07 -1.53 0.00	53.01 -2.11 0.00	63.63 -2.76 0.00	67.56 -3.33 0.00	45.72 -2.03 0.00	41.81 -1.35 0.00	45.04 -1.44 0.00	50.94 -1.58 0.00	56.13 -1.57 0.00	55.31 -1.61 0.00	60.10 -1.86 0.00	68.56 -2.19 0.00	80.94 -2.22 0.00	101.07 -2.99 0.00	83.93 -2.89 0.00	54.95 -2.47 0.00	56.98 -3.13 0.00	48.32 -2.61 0.00	45.73 -2.23 0.00	42.27 -1.69 0.00
S SALMON___HYD 24043	48.55 -0.67 0.00	49.66 -0.82 0.00	48.44 -0.84 0.00	50.61 -0.85 0.00	39.99 -0.61 0.00	54.44 -0.68 0.00	65.67 -0.71 0.00	70.23 -0.66 0.00	47.28 -0.47 0.00	42.66 -0.50 0.00	45.74 -0.75 0.00	51.55 -0.97 0.00	56.71 -0.99 0.00	55.88 -1.03 0.00	60.57 -1.40 0.00	69.00 -1.75 0.00	81.36 -1.80 0.00	101.85 -2.22 0.00	85.20 -1.61 0.00	56.52 -0.90 0.00	58.94 -1.17 0.00	49.74 -1.19 0.00	46.64 -1.32 0.00	42.76 -1.21 0.00
S.PERRY__115KV_TB1 80734	49.23 0.01 0.00	50.02 -0.46 0.00	48.65 -0.63 0.00	50.77 -0.69 0.00	40.14 -0.46 0.00	54.48 -0.64 0.00	65.48 -0.90 0.00	69.58 -1.30 0.00	46.96 -0.79 0.00	42.97 -0.19 0.00	46.07 -0.42 0.00	51.76 -0.76 0.00	57.03 -0.67 0.00	56.17 -0.74 0.00	61.21 -0.76 0.00	70.53 -0.22 0.00	83.56 0.40 0.00	104.42 0.35 0.00	86.79 -0.02 0.00	56.61 -0.81 0.00	58.63 -1.47 0.00	49.87 -1.06 0.00	47.10 -0.86 0.00	43.43 -0.54 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	46.79 -2.43 0.00	47.46 -3.02 0.00	46.14 -3.15 0.00	48.22 -3.23 0.00	38.22 -2.38 0.00	51.71 -3.41 0.00	61.45 -4.93 0.00	64.76 -6.12 0.00	43.89 -3.85 0.00	40.38 -2.78 0.00	43.40 -3.10 0.00	48.88 -3.64 0.00	54.07 -3.63 0.00	53.18 -3.74 0.00	57.77 -4.20 0.00	66.17 -4.58 0.00	78.02 -5.14 0.00	97.11 -6.95 0.00	80.43 -6.39 0.00	52.34 -5.07 0.00	54.05 -6.05 0.00	46.16 -4.77 0.00	44.13 -3.82 0.00	41.21 -2.75 0.00

SAWYER___23_KV_LOAD 55526	46.79 -2.43 0.00	47.46 -3.02 0.00	46.14 -3.15 0.00	48.22 -3.23 0.00	38.22 -2.38 0.00	51.71 -3.41 0.00	61.45 -4.93 0.00	64.76 -6.12 0.00	43.89 -3.85 0.00	40.38 -2.78 0.00	43.40 -3.10 0.00	48.88 -3.64 0.00	54.07 -3.74 0.00	53.18 -3.74 0.00	57.77 -4.20 0.00	66.17 -4.58 0.00	78.02 -5.14 0.00	97.11 -6.95 0.00	80.43 -6.39 0.00	52.34 -5.07 0.00	54.05 -6.05 0.00	46.16 -4.77 0.00	44.13 -3.82 0.00	41.21 -2.75 0.00
SELKIRK___I 23801	50.50 1.29 0.00	51.73 1.26 0.00	50.57 1.28 0.00	52.79 1.34 0.00	41.58 0.98 0.00	56.17 1.05 0.00	67.64 1.26 0.00	72.35 1.47 0.00	48.92 1.11 -0.06	77.32 0.78 -33.38	49.78 0.85 -2.44	61.89 1.10 -8.27	58.86 1.15 0.00	58.25 1.34 0.00	63.51 1.54 0.00	72.62 1.87 0.00	85.13 1.97 0.00	106.63 2.57 0.00	89.06 2.25 0.00	58.99 1.58 0.00	61.72 1.62 0.00	52.29 1.36 0.00	49.42 1.38 -0.08	45.14 1.18 0.00
SELKIRK___II 23799	50.24 1.02 0.00	51.43 0.96 0.00	50.29 1.00 0.00	52.51 1.05 0.00	41.34 0.74 0.00	55.86 0.74 0.00	67.28 0.90 0.00	72.03 1.15 0.00	48.76 0.94 -0.07	80.50 0.71 -36.63	49.90 0.72 -2.68	62.48 0.89 -9.07	58.62 0.92 0.00	57.99 1.08 0.00	63.25 1.28 0.00	72.30 1.56 0.00	84.75 1.59 0.00	106.16 2.10 0.00	88.71 1.89 0.00	58.76 1.34 0.00	61.50 1.40 0.00	52.11 1.18 0.00	49.23 1.18 -0.09	44.93 0.97 0.00
SENECA OSWGO___HYD 24041	47.54 -1.68 0.00	48.64 -1.83 0.00	47.46 -1.83 0.00	49.62 -1.84 0.00	39.24 -1.36 0.00	53.33 -1.79 0.00	64.35 -2.03 0.00	68.74 -2.15 0.00	46.35 -1.39 0.00	41.99 -1.17 0.00	45.20 -1.29 0.00	51.05 -1.47 0.00	56.17 -1.54 0.00	55.42 -1.49 0.00	60.32 -1.65 0.00	68.90 -1.85 0.00	81.00 -2.17 0.00	101.38 -2.68 0.00	84.54 -2.28 0.00	55.86 -1.56 0.00	58.28 -1.83 0.00	49.33 -1.60 0.00	46.41 -1.55 0.00	42.54 -1.42 0.00
SENECA___115KV_TB3 355854	47.71 -1.51 0.00	48.35 -2.12 0.00	47.01 -2.27 0.00	49.15 -2.30 0.00	38.93 -1.68 0.00	52.70 -2.42 0.00	62.67 -3.71 0.00	66.10 -4.78 0.00	44.81 -2.94 0.00	41.23 -1.93 0.00	44.27 -2.23 0.00	49.86 -2.66 0.00	55.16 -2.54 0.00	54.25 -2.66 0.00	58.94 -3.03 0.00	67.50 -3.24 0.00	79.56 -3.60 0.00	99.06 -5.00 0.00	82.10 -4.72 0.00	53.41 -4.00 0.00	55.19 -4.92 0.00	47.11 -3.82 0.00	44.95 -3.01 0.00	41.96 -2.00 0.00
SENECA___ENERGY 23797	48.21 -1.01 0.00	49.24 -1.24 0.00	47.90 -1.39 0.00	50.14 -1.32 0.00	39.73 -0.87 0.00	53.94 -1.18 0.00	65.09 -1.29 0.00	69.29 -1.60 0.00	46.71 -1.04 0.00	42.52 -0.64 0.00	45.72 -0.78 0.00	51.50 -1.02 0.00	56.71 -1.00 0.00	55.95 -0.96 0.00	60.83 -1.14 0.00	69.51 -1.24 0.00	81.96 -1.21 0.00	102.39 -1.67 0.00	85.38 -1.44 0.00	56.15 -1.26 0.00	58.38 -1.72 0.00	49.50 -1.44 0.00	46.69 -1.27 0.00	42.87 -1.09 0.00
SHOEMAKER___GT 23640	50.26 1.04 0.00	51.36 0.89 0.00	50.20 0.92 0.00	52.58 1.12 0.00	41.65 1.05 0.00	56.69 1.58 0.00	68.38 2.00 0.00	73.35 2.47 0.00	49.05 1.73 0.42	-187.65 1.50 232.30	31.06 1.58 17.01	-2.34 1.71 56.57	59.63 1.93 0.00	59.00 2.08 0.00	64.29 2.32 0.00	73.49 2.75 0.00	86.23 3.07 0.00	108.11 4.04 0.00	90.19 3.37 0.00	59.81 2.39 0.00	62.61 2.50 0.00	52.94 2.01 0.00	49.07 1.68 0.57	45.38 1.42 0.00
SHOEMAKR_138KV_BK 111 55601	50.23 1.01 0.00	51.32 0.85 0.00	50.17 0.89 0.00	52.54 1.09 0.00	41.63 1.03 0.00	56.66 1.55 0.00	68.35 1.96 0.00	73.31 2.43 0.00	49.05 1.71 0.41	-182.28 1.49 226.93	31.45 1.58 16.62	-1.34 1.70 55.56	59.61 1.91 0.00	58.98 2.07 0.00	64.28 2.31 0.00	73.44 2.69 0.00	86.20 3.04 0.00	108.05 3.99 0.00	90.17 3.35 0.00	59.79 2.38 0.00	62.59 2.49 0.00	52.92 1.99 0.00	49.07 1.67 0.56	45.36 1.40 0.00
SHOREHAM_IC_1 23715	52.17 2.95 0.00	52.95 2.48 0.00	51.79 2.50 0.00	54.44 2.98 0.00	43.33 2.73 0.00	59.20 4.08 0.00	71.40 5.01 0.00	76.44 5.55 0.00	52.22 4.15 -0.32	209.93 3.03 -163.75	62.14 3.67 -11.99	99.15 3.86 -42.77	62.19 4.49 0.00	61.29 4.38 0.00	67.23 5.26 0.00	76.93 6.18 0.00	90.15 6.98 0.00	113.46 9.39 0.00	94.93 8.11 0.00	68.24 5.70 -5.12	65.85 5.74 0.00	55.76 4.82 0.00	52.61 4.23 -0.42	47.47 3.51 0.00
SHOREHAM_IC_2 23716	52.17 2.95 0.00	52.95 2.48 0.00	51.79 2.50 0.00	54.44 2.98 0.00	43.33 2.73 0.00	59.20 4.08 0.00	71.40 5.01 0.00	76.44 5.55 0.00	52.22 4.15 -0.32	209.93 3.03 -163.75	62.14 3.67 -11.99	99.15 3.86 -42.77	62.19 4.49 0.00	61.29 4.38 0.00	67.23 5.26 0.00	76.93 6.18 0.00	90.15 6.98 0.00	113.46 9.39 0.00	94.93 8.11 0.00	68.24 5.70 -5.12	65.85 5.74 0.00	55.76 4.82 0.00	52.61 4.23 -0.42	47.47 3.51 0.00
SISSONVILLE____ 23735	50.77 1.55 0.00	52.25 1.78 0.00	50.98 1.70 0.00	52.93 1.48 0.00	41.36 0.76 0.00	55.34 0.22 0.00	65.82 -0.57 0.00	70.42 -0.46 0.00	48.01 0.26 0.00	43.07 -0.08 0.00	47.02 0.54 0.00	52.93 0.41 0.00	57.79 0.09 0.00	56.88 -0.03 0.00	59.82 -2.15 0.00	67.14 -3.60 0.00	78.67 -4.49 0.00	99.07 -4.99 0.00	83.03 -3.79 0.00	54.84 -2.58 0.00	57.21 -2.90 0.00	48.88 -2.05 0.00	46.21 -1.75 0.00	43.51 -0.45 0.00
SITHE_IND_GS1 24169	47.15 -2.07 0.00	48.27 -2.20 0.00	47.11 -2.17 0.00	49.24 -2.22 0.00	38.91 -1.69 0.00	52.82 -2.29 0.00	63.65 -2.74 0.00	67.94 -2.94 0.00	45.81 -1.94 0.00	41.50 -1.66 0.00	44.66 -1.83 0.00	50.43 -2.09 0.00	55.46 -2.24 0.00	54.72 -2.19 0.00	59.55 -2.42 0.00	68.00 -2.74 0.00	79.94 -3.22 0.00	100.06 -4.01 0.00	83.44 -3.37 0.00	55.14 -2.27 0.00	57.58 -2.52 0.00	48.78 -2.15 0.00	45.93 -2.03 0.00	42.13 -1.83 0.00
SITHE_IND_GS2 24170	47.15 -2.07 0.00	48.27 -2.20 0.00	47.11 -2.17 0.00	49.24 -2.22 0.00	38.91 -1.69 0.00	52.82 -2.29 0.00	63.65 -2.74 0.00	67.94 -2.94 0.00	45.81 -1.94 0.00	41.50 -1.66 0.00	44.66 -1.83 0.00	50.43 -2.09 0.00	55.46 -2.24 0.00	54.72 -2.19 0.00	59.55 -2.42 0.00	68.00 -2.74 0.00	79.94 -3.22 0.00	100.06 -4.01 0.00	83.44 -3.37 0.00	55.14 -2.27 0.00	57.58 -2.52 0.00	48.78 -2.15 0.00	45.93 -2.03 0.00	42.13 -1.83 0.00
SITHE_IND_GS3 24171	47.15 -2.07 0.00	48.27 -2.20 0.00	47.11 -2.17 0.00	49.24 -2.22 0.00	38.91 -1.69 0.00	52.82 -2.29 0.00	63.65 -2.74 0.00	67.94 -2.94 0.00	45.81 -1.94 0.00	41.50 -1.66 0.00	44.66 -1.83 0.00	50.43 -2.09 0.00	55.46 -2.24 0.00	54.72 -2.19 0.00	59.55 -2.42 0.00	68.00 -2.74 0.00	79.94 -3.22 0.00	100.06 -4.01 0.00	83.44 -3.37 0.00	55.14 -2.27 0.00	57.58 -2.52 0.00	48.78 -2.15 0.00	45.93 -2.03 0.00	42.13 -1.83 0.00
SITHE_IND_GS4 24172	47.15 -2.07 0.00	48.27 -2.20 0.00	47.11 -2.17 0.00	49.24 -2.22 0.00	38.91 -1.69 0.00	52.82 -2.29 0.00	63.65 -2.74 0.00	67.94 -2.94 0.00	45.81 -1.94 0.00	41.50 -1.66 0.00	44.66 -1.83 0.00	50.43 -2.09 0.00	55.46 -2.24 0.00	54.72 -2.19 0.00	59.55 -2.42 0.00	68.00 -2.74 0.00	79.94 -3.22 0.00	100.06 -4.01 0.00	83.44 -3.37 0.00	55.14 -2.27 0.00	57.58 -2.52 0.00	48.78 -2.15 0.00	45.93 -2.03 0.00	42.13 -1.83 0.00

SITHE___BATAVIA 24024	47.89 -1.33 0.00	48.65 -1.82 0.00	47.32 -1.97 0.00	49.47 -1.99 0.00	39.24 -1.36 0.00	53.30 -1.82 0.00	63.65 -2.74 0.00	67.54 -3.34 0.00	45.93 -1.82 0.00	42.21 -0.95 0.00	45.43 -1.06 0.00	51.20 -1.32 0.00	56.49 -1.22 0.00	55.47 -1.45 0.00	60.17 -1.79 0.00	68.97 -1.77 0.00	81.53 -1.63 0.00	97.54 -2.44 4.09	84.21 -2.60 0.00	54.85 -2.56 0.00	56.70 -3.41 0.00	48.25 -2.69 0.00	45.89 -2.07 0.00	42.65 -1.31 0.00
SITHE___INDEPEND 23800	47.15 -2.07 0.00	48.27 -2.20 0.00	47.11 -2.18 0.00	49.24 -2.22 0.00	38.91 -1.69 0.00	52.83 -2.29 0.00	63.65 -2.73 0.00	67.94 -2.94 0.00	45.81 -1.94 0.00	41.50 -1.66 0.00	44.67 -1.83 0.00	50.43 -2.09 0.00	55.46 -2.24 0.00	54.72 -2.19 0.00	59.55 -2.42 0.00	68.00 -2.74 0.00	79.94 -3.22 0.00	100.05 -4.01 0.00	83.44 -3.37 0.00	55.14 -2.28 0.00	57.58 -2.53 0.00	48.78 -2.16 0.00	45.93 -2.03 0.00	42.13 -1.83 0.00
SITHE___MASSENA 23902	50.70 1.48 0.00	52.15 1.68 0.00	50.90 1.61 0.00	52.88 1.42 0.00	41.49 0.89 0.00	56.20 1.08 0.00	67.59 1.21 0.00	71.90 1.02 0.00	48.24 0.49 0.00	43.62 0.46 0.00	47.02 0.53 0.00	53.14 0.62 0.00	58.31 0.61 0.00	57.34 0.42 0.00	62.38 0.41 0.00	71.19 0.45 0.00	83.97 0.81 0.00	104.89 0.83 0.00	87.33 0.51 0.00	57.61 0.19 0.00	60.38 0.28 0.00	51.27 0.34 0.00	48.41 0.45 0.00	44.55 0.59 0.00
SITHE___OGDNSBRG 24021	51.62 2.40 0.00	53.16 2.69 0.00	51.87 2.58 0.00	53.86 2.40 0.00	42.17 1.57 0.00	57.08 1.97 0.00	68.47 2.09 0.00	73.24 2.35 0.00	49.85 2.11 0.00	44.57 1.42 0.00	48.27 1.78 0.00	54.52 2.01 0.00	59.82 2.11 0.00	59.21 2.30 0.00	62.40 0.43 0.00	70.06 -0.68 0.00	82.43 -0.73 0.00	104.01 -0.06 0.00	87.11 0.29 0.00	57.46 0.05 0.00	59.77 -0.34 0.00	50.93 0.00 0.00	48.00 0.04 0.00	45.14 1.17 0.00
SITHE___STERLING 23777	50.19 0.97 0.00	51.46 0.99 0.00	50.26 0.98 0.00	52.53 1.07 0.00	41.57 0.97 0.00	56.60 1.49 0.00	68.44 2.06 0.00	73.12 2.24 0.00	49.28 1.54 0.00	44.52 1.36 0.00	47.94 1.45 0.00	54.07 1.55 0.00	59.47 1.77 0.00	58.67 1.76 0.00	63.86 1.89 0.00	72.90 2.16 0.00	85.63 2.47 0.00	106.92 2.86 0.00	89.29 2.47 0.00	59.01 1.60 0.00	61.56 1.46 0.00	52.04 1.11 0.00	48.87 0.91 0.00	44.71 0.75 0.00
SLEIGHT__34_KV_TB1 80719	47.60 -1.62 0.00	48.55 -1.93 0.00	47.27 -2.02 0.00	49.49 -1.97 0.00	39.22 -1.39 0.00	53.29 -1.83 0.00	64.19 -2.19 0.00	68.26 -2.63 0.00	46.16 -1.58 0.00	42.08 -1.08 0.00	45.31 -1.18 0.00	51.16 -1.36 0.00	56.33 -1.37 0.00	55.54 -1.37 0.00	60.34 -1.63 0.00	68.92 -1.82 0.00	81.36 -1.80 0.00	101.64 -2.42 0.00	84.52 -2.30 0.00	55.48 -1.93 0.00	57.64 -2.47 0.00	48.83 -2.10 0.00	46.04 -1.92 0.00	42.43 -1.53 0.00
SOUTH CAIRO___GT 23612	52.44 3.22 0.00	53.67 3.20 0.00	52.46 3.18 0.00	54.78 3.33 0.00	43.11 2.50 0.00	58.30 3.18 0.00	70.54 4.15 0.00	75.81 4.92 0.00	51.18 3.39 -0.04	68.16 2.31 -22.69	50.76 2.61 -1.66	61.64 3.48 -5.65	61.65 3.95 0.00	61.05 4.13 0.00	66.66 4.69 0.00	76.31 5.56 0.00	89.75 6.59 0.00	112.45 8.38 0.00	93.87 7.05 0.00	61.91 4.49 0.00	64.61 4.51 0.00	54.58 3.64 0.00	51.41 3.40 -0.05	46.87 2.91 0.00
SOUTH HAMPTN___IC 23720	52.52 3.30 0.00	53.33 2.86 0.00	52.16 2.88 0.00	54.83 3.37 0.00	43.66 3.05 0.00	59.70 4.58 0.00	72.09 5.71 0.00	77.19 6.31 0.00	52.70 4.63 -0.32	210.34 3.44 -163.75	62.53 4.06 -11.99	99.56 4.27 -42.77	62.68 4.97 0.00	61.78 4.87 0.00	67.77 5.80 0.00	77.55 6.81 0.00	90.90 7.73 0.00	114.39 10.32 0.00	95.44 8.61 0.00	68.43 5.89 -5.12	66.21 6.11 0.00	56.04 5.11 0.00	52.98 4.60 -0.42	47.73 3.76 0.00
SOUTHDOW_115KV_TB1 355954	49.06 -0.16 0.00	49.47 -1.00 0.00	48.19 -1.09 0.00	50.30 -1.15 0.00	39.84 -0.76 0.00	54.38 -0.74 0.00	65.43 -0.96 0.00	68.98 -1.91 0.00	46.40 -1.35 0.00	42.21 -0.95 0.00	45.34 -1.16 0.00	51.19 -1.33 0.00	56.79 -0.92 0.00	55.82 -1.09 0.00	60.45 -1.52 0.00	69.00 -1.75 0.00	80.10 -3.06 0.00	99.75 -4.32 0.00	83.00 -3.81 0.00	54.03 -3.39 0.00	55.87 -4.24 0.00	47.54 -3.39 0.00	45.25 -2.71 0.00	42.20 -1.76 0.00
SOUTHOLD_69_KV_BK 2 55809	53.10 3.88 0.00	53.94 3.46 0.00	52.73 3.45 0.00	55.46 4.00 0.00	44.18 3.58 0.00	60.53 5.41 0.00	73.28 6.89 0.00	78.48 7.60 0.00	53.51 5.44 -0.32	211.01 4.11 -163.75	63.16 4.68 -11.99	100.25 4.96 -42.77	63.49 5.79 0.00	62.59 5.68 0.00	68.66 6.69 0.00	78.59 7.85 0.00	92.24 9.08 0.00	116.13 12.06 0.00	96.40 9.57 0.00	68.76 6.22 -5.12	66.83 6.72 0.00	56.52 5.58 0.00	53.66 5.28 -0.42	48.19 4.23 0.00
SOUTHOLD___IC 23719	53.10 3.88 0.00	53.94 3.46 0.00	52.73 3.45 0.00	55.46 4.00 0.00	44.18 3.58 0.00	60.53 5.41 0.00	73.28 6.89 0.00	78.48 7.60 0.00	53.51 5.44 -0.32	211.01 4.11 -163.75	63.16 4.69 -11.99	100.25 4.96 -42.77	63.48 5.78 0.00	62.59 5.68 0.00	68.66 6.69 0.00	78.58 7.84 0.00	92.24 9.08 0.00	116.13 12.06 0.00	96.39 9.57 0.00	68.76 6.22 -5.12	66.83 6.72 0.00	56.51 5.58 0.00	53.67 5.28 -0.42	48.18 4.22 0.00
SOUTH_FORK_WT_PWR 323839	53.08 3.86 0.00	53.93 3.45 0.00	52.72 3.44 0.00	55.46 4.00 0.00	44.18 3.57 0.00	60.55 5.43 0.00	73.39 7.01 0.00	78.61 7.73 0.00	53.58 5.52 -0.32	211.04 4.14 -163.75	63.15 4.68 -11.99	100.21 4.92 -42.77	63.46 5.75 0.00	62.55 5.64 0.00	68.64 6.67 0.00	78.55 7.81 0.00	92.20 9.03 0.00	116.11 12.05 0.00	96.00 9.18 0.00	68.34 5.79 -5.12	66.62 6.51 0.00	56.33 5.40 0.00	53.70 5.31 -0.42	48.12 4.15 0.00
SPIERFLS_115KV_TB 1 80737	51.46 2.24 0.00	52.70 2.23 0.00	51.65 2.36 0.00	53.98 2.52 0.00	42.65 2.05 0.00	58.14 3.02 0.00	70.19 3.81 0.00	75.10 4.21 0.00	50.71 2.90 -0.07	81.97 2.49 -36.33	51.74 2.59 -2.66	64.50 2.98 -9.00	60.92 3.21 0.00	60.35 3.43 0.00	65.82 3.85 0.00	75.54 4.80 0.00	88.74 5.57 0.00	110.95 6.88 0.00	93.09 6.27 0.00	61.54 4.12 0.00	64.25 4.14 0.00	54.21 3.28 0.00	50.87 2.82 -0.09	46.26 2.30 0.00
ST LAWRENCE____ 23600	50.03 0.81 0.00	51.49 1.02 0.00	50.24 0.95 0.00	52.24 0.78 0.00	41.03 0.42 0.00	55.65 0.54 0.00	66.94 0.56 0.00	71.29 0.40 0.00	47.80 0.05 0.00	43.20 0.04 0.00	46.57 0.08 0.00	52.62 0.10 0.00	57.75 0.05 0.00	56.78 -0.13 0.00	61.76 -0.21 0.00	70.47 -0.27 0.00	83.10 -0.06 0.00	103.84 -0.22 0.00	86.47 -0.35 0.00	57.04 -0.37 0.00	59.84 -0.27 0.00	50.81 -0.12 0.00	47.98 0.02 0.00	44.11 0.15 0.00
STATE_CA_115KV_115_LB 55624	50.56 1.34 0.00	51.76 1.29 0.00	50.61 1.33 0.00	52.82 1.37 0.00	41.49 0.89 0.00	55.94 0.83 0.00	67.45 1.06 0.00	72.26 1.38 0.00	48.93 1.12 -0.07	81.25 0.86 -37.23	50.11 0.89 -2.73	62.84 1.10 -9.22	58.83 1.13 0.00	58.23 1.32 0.00	63.51 1.55 0.00	72.65 1.90 0.00	85.14 1.98 0.00	106.69 2.63 0.00	89.13 2.31 0.00	59.03 1.61 0.00	61.75 1.65 0.00	52.33 1.40 0.00	49.48 1.43 -0.09	45.16 1.19 0.00

STATE_ST_34_KV_LOAD 55959	48.85 -0.37 0.00	49.99 -0.48 0.00	48.54 -0.74 0.00	50.95 -0.50 0.00	40.33 -0.27 0.00	54.81 -0.30 0.00	66.20 -0.18 0.00	70.30 -0.59 0.00	47.54 -0.21 0.00	43.19 0.03 0.00	46.47 -0.02 0.00	52.45 -0.07 0.00	57.75 0.05 0.00	56.94 0.03 0.00	61.75 -0.21 0.00	70.47 -0.27 0.00	83.16 0.00 0.00	104.13 0.06 0.00	86.91 0.09 0.00	57.32 -0.09 0.00	59.74 -0.37 0.00	50.57 -0.36 0.00	47.58 -0.38 0.00	43.65 -0.30 0.00
STATION 5_MISC_HYD 23604	47.29 -1.92 0.00	48.17 -2.30 0.00	46.92 -2.37 0.00	49.05 -2.41 0.00	38.88 -1.72 0.00	52.74 -2.37 0.00	63.27 -3.11 0.00	67.18 -3.71 0.00	45.46 -2.29 0.00	41.56 -1.60 0.00	44.79 -1.70 0.00	50.66 -1.86 0.00	55.81 -1.89 0.00	55.00 -1.92 0.00	59.77 -2.20 0.00	68.15 -2.59 0.00	80.43 -2.73 0.00	97.59 -3.68 2.80	83.37 -3.45 0.00	54.59 -2.82 0.00	56.63 -3.48 0.00	48.06 -2.88 0.00	45.46 -2.49 0.00	42.05 -1.91 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	48.01 -1.21 0.00	48.97 -1.51 0.00	47.69 -1.60 0.00	49.87 -1.58 0.00	39.55 -1.06 0.00	53.69 -1.43 0.00	64.68 -1.70 0.00	68.87 -2.02 0.00	46.55 -1.20 0.00	42.43 -0.73 0.00	45.68 -0.81 0.00	51.51 -1.01 0.00	56.74 -0.96 0.00	55.95 -0.97 0.00	60.82 -1.14 0.00	69.51 -1.24 0.00	82.43 -0.73 0.00	102.93 -1.13 0.00	85.58 -1.24 0.00	56.09 -1.33 0.00	58.16 -1.94 0.00	49.27 -1.66 0.00	46.42 -1.54 0.00	42.58 -1.38 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	47.09 -2.13 0.00	47.97 -2.50 0.00	46.73 -2.56 0.00	48.85 -2.60 0.00	38.72 -1.88 0.00	52.53 -2.59 0.00	63.06 -3.33 0.00	67.03 -3.86 0.00	45.36 -2.39 0.00	41.42 -1.74 0.00	44.63 -1.87 0.00	50.41 -2.11 0.00	55.54 -2.16 0.00	54.74 -2.18 0.00	59.49 -2.48 0.00	67.95 -2.79 0.00	80.20 -2.96 0.00	100.11 -3.95 0.00	83.15 -3.66 0.00	54.47 -2.95 0.00	56.51 -3.59 0.00	47.94 -2.99 0.00	45.35 -2.61 0.00	41.91 -2.06 0.00
STA_56___34_KV_BUS2 355983	47.09 -2.13 0.00	47.97 -2.50 0.00	46.73 -2.56 0.00	48.85 -2.60 0.00	38.72 -1.88 0.00	52.53 -2.59 0.00	63.06 -3.33 0.00	67.03 -3.86 0.00	45.36 -2.39 0.00	41.42 -1.74 0.00	44.63 -1.87 0.00	50.41 -2.11 0.00	55.54 -2.16 0.00	54.74 -2.18 0.00	59.49 -2.48 0.00	67.95 -2.79 0.00	80.20 -2.96 0.00	100.11 -3.95 0.00	83.15 -3.66 0.00	54.47 -2.95 0.00	56.51 -3.59 0.00	47.94 -2.99 0.00	45.35 -2.61 0.00	41.91 -2.06 0.00
STA_67___115KV_BK2 355882	47.18 -2.04 0.00	48.06 -2.41 0.00	46.81 -2.47 0.00	48.93 -2.52 0.00	38.79 -1.81 0.00	52.61 -2.51 0.00	63.09 -3.29 0.00	66.98 -3.90 0.00	45.34 -2.41 0.00	41.43 -1.73 0.00	44.64 -1.85 0.00	50.53 -1.99 0.00	55.68 -2.02 0.00	54.85 -2.06 0.00	59.63 -2.34 0.00	67.96 -2.79 0.00	80.20 -2.96 0.00	100.10 -3.96 0.00	83.13 -3.69 0.00	54.44 -2.98 0.00	56.45 -3.65 0.00	47.91 -3.03 0.00	45.36 -2.59 0.00	41.96 -2.00 0.00
STA_7___115KV_9TRANS 80674	47.54 -1.68 0.00	48.40 -2.07 0.00	47.13 -2.16 0.00	49.28 -2.18 0.00	39.07 -1.53 0.00	53.01 -2.11 0.00	63.63 -2.76 0.00	67.56 -3.33 0.00	45.72 -2.03 0.00	41.81 -1.35 0.00	45.04 -1.44 0.00	50.94 -1.58 0.00	56.13 -1.57 0.00	55.31 -1.61 0.00	60.10 -1.86 0.00	68.56 -2.19 0.00	80.94 -2.22 0.00	101.07 -2.99 0.00	83.93 -2.89 0.00	54.95 -2.47 0.00	56.98 -3.13 0.00	48.32 -2.61 0.00	45.73 -2.23 0.00	42.27 -1.69 0.00
STA_82___115KV_TB1 80780	47.20 -2.02 0.00	48.07 -2.40 0.00	46.82 -2.47 0.00	48.95 -2.51 0.00	38.80 -1.80 0.00	52.63 -2.49 0.00	63.11 -3.27 0.00	67.01 -3.87 0.00	45.36 -2.39 0.00	41.46 -1.70 0.00	44.66 -1.83 0.00	50.48 -2.04 0.00	55.62 -2.08 0.00	54.80 -2.11 0.00	59.57 -2.40 0.00	67.98 -2.76 0.00	80.26 -2.90 0.00	100.17 -3.90 0.00	83.18 -3.64 0.00	54.47 -2.95 0.00	56.49 -3.62 0.00	47.94 -2.99 0.00	45.37 -2.59 0.00	41.98 -1.98 0.00
STEEL___WIND 323596	47.67 -1.55 0.00	48.27 -2.20 0.00	46.96 -2.32 0.00	49.14 -2.32 0.00	38.88 -1.73 0.00	52.67 -2.45 0.00	62.56 -3.82 0.00	65.99 -4.89 0.00	44.74 -3.01 0.00	41.22 -1.94 0.00	44.21 -2.28 0.00	49.81 -2.71 0.00	55.12 -2.59 0.00	54.23 -2.68 0.00	58.85 -3.12 0.00	67.38 -3.36 0.00	79.41 -3.75 0.00	92.98 -5.17 5.91	81.91 -4.90 0.00	53.30 -4.12 0.00	55.07 -5.03 0.00	47.02 -3.91 0.00	44.86 -3.10 0.00	41.89 -2.07 0.00
STEPHTWN_115KV_BK_2 55603	50.80 1.58 0.00	52.09 1.62 0.00	50.95 1.66 0.00	53.10 1.64 0.00	41.70 1.10 0.00	56.44 1.33 0.00	68.15 1.77 0.00	72.88 1.99 0.00	49.32 1.50 -0.07	82.29 1.35 -37.78	50.64 1.39 -2.77	63.47 1.59 -9.36	59.36 1.66 0.00	58.81 1.90 0.00	64.10 2.14 0.00	73.25 2.50 0.00	86.00 2.84 0.00	107.82 3.75 0.00	90.16 3.34 0.00	59.62 2.20 0.00	62.34 2.23 0.00	52.84 1.91 0.00	49.94 1.89 -0.09	45.45 1.49 0.00
STEUBEN_REC_LFGE 323667	48.91 -0.30 0.00	49.46 -1.02 0.00	48.16 -1.13 0.00	50.08 -1.37 0.00	39.29 -1.31 0.00	52.98 -2.14 0.00	63.45 -2.94 0.00	67.43 -3.45 0.00	45.09 -2.66 0.00	41.14 -2.02 0.00	43.86 -2.63 0.00	49.07 -3.44 0.00	54.61 -3.09 0.00	54.04 -2.87 0.00	59.29 -2.68 0.00	68.38 -2.37 0.00	81.09 -2.07 0.00	101.35 -2.71 0.00	84.34 -2.48 0.00	54.85 -2.57 0.00	56.98 -3.12 0.00	48.93 -2.01 0.00	46.26 -1.70 0.00	42.49 -1.47 0.00
STILLWATER___SOLAR 323814	51.67 2.45 0.00	52.94 2.46 0.00	51.80 2.51 0.00	54.13 2.67 0.00	42.78 2.17 0.00	58.15 3.04 0.00	70.15 3.77 0.00	75.06 4.17 0.00	50.70 2.88 -0.07	83.18 2.47 -37.55	51.76 2.52 -2.75	64.80 2.98 -9.30	60.90 3.20 0.00	60.35 3.44 0.00	65.84 3.87 0.00	75.44 4.70 0.00	88.51 5.35 0.00	110.84 6.77 0.00	92.83 6.01 0.00	61.40 3.98 0.00	64.16 4.05 0.00	54.21 3.28 0.00	50.95 2.90 -0.09	46.42 2.46 0.00
STONY___BROOK 24151	51.85 2.63 0.00	52.64 2.17 0.00	51.48 2.20 0.00	54.09 2.64 0.00	43.04 2.43 0.00	58.76 3.64 0.00	70.82 4.43 0.00	75.84 4.96 0.00	51.84 3.78 -0.32	209.71 2.80 -163.75	61.93 3.45 -11.99	98.90 3.61 -42.77	61.88 4.18 0.00	60.94 4.03 0.00	66.84 4.87 0.00	76.47 5.73 0.00	89.21 6.05 0.00	112.32 8.26 0.00	94.40 7.58 0.00	67.98 5.43 -5.12	65.55 5.45 0.00	55.52 4.59 0.00	52.29 3.91 -0.42	47.25 3.29 0.00
STURGEON_POOL_HYD 23609	51.58 2.36 0.00	52.63 2.15 0.00	51.46 2.17 0.00	53.95 2.49 0.00	42.84 2.23 0.00	58.49 3.37 0.00	70.69 4.31 0.00	76.04 5.16 0.00	51.49 3.77 0.03	29.11 3.26 17.32	48.78 3.56 1.27	52.23 3.89 4.18	62.11 4.41 0.00	61.53 4.61 0.00	67.05 5.08 0.00	76.67 5.92 0.00	90.05 6.89 0.00	112.98 8.92 0.00	94.20 7.38 0.00	62.47 5.05 0.00	65.31 5.21 0.00	55.14 4.21 0.00	51.53 3.62 0.05	47.02 3.06 0.00
ST_LAW_115_BK7_LBMP 345037	50.13 0.91 0.00	51.58 1.11 0.00	50.34 1.06 0.00	52.31 0.85 0.00	41.07 0.47 0.00	55.68 0.57 0.00	66.94 0.56 0.00	71.29 0.41 0.00	47.78 0.04 0.00	43.19 0.04 0.00	46.56 0.07 0.00	52.62 0.10 0.00	57.75 0.04 0.00	56.77 -0.14 0.00	61.75 -0.22 0.00	70.47 -0.28 0.00	83.10 -0.06 0.00	103.83 -0.23 0.00	86.45 -0.36 0.00	57.04 -0.38 0.00	59.81 -0.30 0.00	50.80 -0.13 0.00	47.97 0.01 0.00	44.11 0.15 0.00

ST_LAW_115_BK8_LBMP 345038	50.13 0.91 0.00	51.58 1.11 0.00	50.34 1.06 0.00	52.31 0.85 0.00	41.07 0.47 0.00	55.68 0.57 0.00	66.94 0.56 0.00	71.29 0.41 0.00	47.78 0.04 0.00	43.19 0.04 0.00	46.56 0.07 0.00	52.62 0.10 0.00	57.75 0.04 0.00	56.77 -0.14 0.00	61.75 -0.22 0.00	70.47 -0.28 0.00	83.10 -0.06 0.00	103.83 -0.23 0.00	86.45 -0.36 0.00	57.04 -0.38 0.00	59.81 -0.30 0.00	50.80 -0.13 0.00	47.97 0.01 0.00	44.11 0.15 0.00
ST_LAW_230_BK5_LBMP 345035	50.03 0.81 0.00	51.49 1.02 0.00	50.24 0.95 0.00	52.24 0.78 0.00	41.03 0.42 0.00	55.65 0.54 0.00	66.94 0.56 0.00	71.29 0.40 0.00	47.80 0.05 0.00	43.20 0.04 0.00	46.57 0.08 0.00	52.62 0.10 0.00	57.75 0.05 0.00	56.78 -0.13 0.00	61.76 -0.21 0.00	70.47 -0.27 0.00	83.10 -0.06 0.00	103.84 -0.22 0.00	86.47 -0.35 0.00	57.04 -0.37 0.00	59.84 -0.27 0.00	50.81 -0.12 0.00	47.98 0.02 0.00	44.11 0.15 0.00
ST_LAW_230_BK6_LBMP 345036	50.03 0.81 0.00	51.49 1.02 0.00	50.24 0.95 0.00	52.24 0.78 0.00	41.03 0.42 0.00	55.65 0.54 0.00	66.94 0.56 0.00	71.29 0.40 0.00	47.80 0.05 0.00	43.20 0.04 0.00	46.57 0.08 0.00	52.62 0.10 0.00	57.75 0.05 0.00	56.78 -0.13 0.00	61.76 -0.21 0.00	70.47 -0.27 0.00	83.10 -0.06 0.00	103.84 -0.22 0.00	86.47 -0.35 0.00	57.04 -0.37 0.00	59.84 -0.27 0.00	50.81 -0.12 0.00	47.98 0.02 0.00	44.11 0.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.33 1.11 0.00	51.39 0.92 0.00	50.25 0.97 0.00	52.65 1.20 0.00	41.73 1.13 0.00	56.82 1.71 0.00	68.54 2.16 0.00	73.55 2.67 0.00	49.24 1.94 0.45	-205.44 1.64 250.24	29.94 1.77 18.33	-5.55 1.87 59.94	59.86 2.15 0.00	59.21 2.30 0.00	64.53 2.57 0.00	73.74 2.99 0.00	86.51 3.35 0.00	108.47 4.41 0.00	90.52 3.70 0.00	60.07 2.66 0.00	62.91 2.80 0.00	53.19 2.25 0.00	49.25 1.89 0.60	45.56 1.59 0.00
SWANROAD_115KV_TB1 355699	45.83 -3.39 0.00	46.53 -3.94 0.00	45.23 -4.06 0.00	47.25 -4.20 0.00	37.49 -3.11 0.00	50.68 -4.44 0.00	59.96 -6.43 0.00	62.98 -7.91 0.00	42.75 -5.00 0.00	39.32 -3.83 0.00	42.26 -4.23 0.00	47.58 -4.94 0.00	52.61 -5.09 0.00	51.70 -5.21 0.00	56.18 -5.79 0.00	64.36 -6.39 0.00	75.93 -7.23 0.00	94.37 -9.69 0.00	78.08 -8.74 0.00	50.78 -6.63 0.00	52.43 -7.67 0.00	44.90 -6.03 0.00	43.21 -4.75 0.00	40.43 -3.53 0.00
SYNERGY___BIOGAS 323694	47.89 -1.33 0.00	48.65 -1.82 0.00	47.32 -1.97 0.00	49.47 -1.99 0.00	39.24 -1.36 0.00	53.30 -1.82 0.00	63.65 -2.74 0.00	67.54 -3.34 0.00	45.93 -1.82 0.00	42.21 -0.95 0.00	45.43 -1.06 0.00	51.20 -1.32 0.00	56.49 -1.22 0.00	55.47 -1.45 0.00	60.17 -1.79 0.00	68.97 -1.77 0.00	81.53 -1.63 0.00	97.54 -2.44 4.09	84.21 -2.60 0.00	54.85 -2.56 0.00	56.70 -3.41 0.00	48.25 -2.69 0.00	45.89 -2.07 0.00	42.65 -1.31 0.00
SYRACUSE___ENERGY_ST1 323597	48.39 -0.83 0.00	49.52 -0.96 0.00	48.28 -1.01 0.00	50.51 -0.94 0.00	39.97 -0.63 0.00	54.32 -0.79 0.00	65.57 -0.81 0.00	69.96 -0.92 0.00	47.17 -0.58 0.00	42.77 -0.38 0.00	46.04 -0.45 0.00	51.96 -0.56 0.00	57.17 -0.53 0.00	56.41 -0.50 0.00	61.36 -0.61 0.00	70.09 -0.66 0.00	82.41 -0.75 0.00	103.11 -0.96 0.00	86.02 -0.80 0.00	56.80 -0.62 0.00	59.27 -0.84 0.00	50.19 -0.75 0.00	47.24 -0.72 0.00	43.30 -0.67 0.00
SYRACUSE___ENERGY_ST2 323598	48.39 -0.83 0.00	49.52 -0.96 0.00	48.28 -1.01 0.00	50.51 -0.94 0.00	39.97 -0.63 0.00	54.32 -0.79 0.00	65.57 -0.81 0.00	69.96 -0.92 0.00	47.17 -0.58 0.00	42.77 -0.38 0.00	46.04 -0.45 0.00	51.96 -0.56 0.00	57.17 -0.53 0.00	56.41 -0.50 0.00	61.36 -0.61 0.00	70.09 -0.66 0.00	82.41 -0.75 0.00	103.11 -0.96 0.00	86.02 -0.80 0.00	56.80 -0.62 0.00	59.27 -0.84 0.00	50.19 -0.75 0.00	47.24 -0.72 0.00	43.30 -0.67 0.00
SYRACUSE___POWER 24017	48.36 -0.85 0.00	49.48 -0.99 0.00	48.26 -1.02 0.00	50.48 -0.98 0.00	39.96 -0.64 0.00	54.32 -0.80 0.00	65.55 -0.83 0.00	69.98 -0.91 0.00	47.17 -0.58 0.00	42.78 -0.37 0.00	46.04 -0.45 0.00	51.97 -0.55 0.00	57.20 -0.51 0.00	56.42 -0.49 0.00	61.41 -0.55 0.00	70.16 -0.59 0.00	82.46 -0.70 0.00	103.15 -0.92 0.00	86.10 -0.72 0.00	56.83 -0.58 0.00	59.27 -0.84 0.00	50.18 -0.75 0.00	47.23 -0.73 0.00	43.29 -0.67 0.00
TALLMAN___138KV_BK151 55660	50.32 1.11 0.00	51.38 0.91 0.00	50.24 0.96 0.00	52.66 1.21 0.00	41.77 1.16 0.00	56.92 1.80 0.00	68.88 2.49 0.00	73.98 3.10 0.00	49.54 2.34 0.54	-521.96 1.99 567.11	6.98 2.20 41.71	-18.27 2.28 73.07	60.32 2.62 0.00	59.69 2.78 0.00	65.07 3.10 0.00	74.34 3.59 0.00	87.21 4.04 0.00	109.36 5.30 0.00	91.05 4.23 0.00	60.30 2.88 0.00	63.16 3.06 0.00	53.40 2.47 0.00	49.35 2.08 0.69	45.71 1.75 0.00
TEALLAVE_115KV_TB7 355573	48.02 -1.20 0.00	49.13 -1.34 0.00	47.94 -1.35 0.00	50.13 -1.33 0.00	39.70 -0.90 0.00	53.95 -1.17 0.00	65.09 -1.30 0.00	69.50 -1.38 0.00	46.87 -0.88 0.00	42.50 -0.66 0.00	45.74 -0.75 0.00	51.64 -0.88 0.00	56.82 -0.88 0.00	56.06 -0.85 0.00	61.01 -0.96 0.00	69.70 -1.04 0.00	81.92 -1.24 0.00	102.45 -1.61 0.00	85.43 -1.39 0.00	56.42 -0.99 0.00	58.85 -1.25 0.00	49.82 -1.11 0.00	46.91 -1.05 0.00	43.00 -0.96 0.00
TELGRAPH_34_KV_EAST 80808	46.96 -2.26 0.00	47.69 -2.78 0.00	46.37 -2.92 0.00	48.46 -3.00 0.00	38.44 -2.16 0.00	52.07 -3.05 0.00	61.92 -4.46 0.00	65.53 -5.36 0.00	44.58 -3.17 0.00	40.98 -2.18 0.00	44.08 -2.41 0.00	49.67 -2.85 0.00	54.88 -2.83 0.00	53.79 -3.12 0.00	58.31 -3.65 0.00	67.03 -3.71 0.00	79.17 -3.99 0.00	98.56 -5.51 0.00	81.62 -5.19 0.00	53.14 -4.28 0.00	54.90 -5.20 0.00	46.83 -4.10 0.00	44.74 -3.22 0.00	41.71 -2.26 0.00
TEMPLE___115KV_TB 2 55572	48.04 -1.18 0.00	49.15 -1.32 0.00	47.95 -1.34 0.00	50.16 -1.30 0.00	39.71 -0.89 0.00	53.98 -1.14 0.00	65.10 -1.28 0.00	69.52 -1.36 0.00	46.89 -0.86 0.00	42.52 -0.64 0.00	45.76 -0.73 0.00	51.66 -0.86 0.00	56.85 -0.86 0.00	56.09 -0.83 0.00	61.05 -0.91 0.00	69.73 -1.01 0.00	81.95 -1.21 0.00	102.50 -1.56 0.00	85.50 -1.32 0.00	56.45 -0.97 0.00	58.87 -1.23 0.00	49.85 -1.08 0.00	46.93 -1.03 0.00	43.03 -0.94 0.00
TIANA____69_KV_BK 1 55817	52.40 3.19 0.00	53.21 2.74 0.00	52.04 2.75 0.00	54.70 3.25 0.00	43.55 2.95 0.00	59.54 4.43 0.00	71.86 5.48 0.00	76.94 6.06 0.00	52.55 4.48 -0.32	210.21 3.31 -163.75	62.41 3.94 -11.99	99.44 4.15 -42.77	62.55 4.85 0.00	61.63 4.72 0.00	67.60 5.64 0.00	77.35 6.61 0.00	90.67 7.51 0.00	114.09 10.03 0.00	95.33 8.51 0.00	68.42 5.88 -5.12	66.14 6.03 0.00	55.98 5.04 0.00	52.87 4.49 -0.42	47.65 3.69 0.00
TILDEN___115KV_TB1 80814	48.36 -0.85 0.00	49.48 -0.99 0.00	48.26 -1.02 0.00	50.48 -0.98 0.00	39.96 -0.64 0.00	54.32 -0.80 0.00	65.55 -0.83 0.00	69.98 -0.91 0.00	47.17 -0.58 0.00	42.78 -0.37 0.00	46.04 -0.45 0.00	51.97 -0.55 0.00	57.20 -0.51 0.00	56.42 -0.49 0.00	61.41 -0.55 0.00	70.16 -0.59 0.00	82.46 -0.70 0.00	103.15 -0.92 0.00	86.10 -0.72 0.00	56.83 -0.58 0.00	59.27 -0.84 0.00	50.18 -0.75 0.00	47.23 -0.73 0.00	43.29 -0.67 0.00

TRIGEN___CC 323695	51.15 1.93 0.00	52.00 1.52 0.00	50.88 1.59 0.00	53.40 1.94 0.00	42.41 1.81 0.00	57.83 2.71 0.00	69.63 3.25 0.00	74.63 3.75 0.00	51.03 2.97 -0.32	209.17 2.26 -163.75	61.25 2.77 -11.99	98.09 2.80 -42.77	60.97 3.27 0.00	60.23 3.32 0.00	65.82 3.85 0.00	75.27 4.53 0.00	88.13 4.98 0.00	110.78 6.72 0.00	92.62 5.80 0.00	66.77 4.23 -5.12	64.41 4.30 0.00	54.54 3.61 0.00	51.44 3.06 -0.42	46.62 2.66 0.00
TRINITY___115KV___4 BK 55933	50.40 1.18 0.00	51.60 1.12 0.00	50.45 1.17 0.00	52.66 1.21 0.00	41.35 0.75 0.00	55.73 0.62 0.00	67.14 0.76 0.00	71.92 1.04 0.00	48.71 0.90 -0.07	81.71 0.67 -37.88	49.92 0.66 -2.77	62.73 0.83 -9.38	58.51 0.80 0.00	57.93 1.02 0.00	63.19 1.23 0.00	72.27 1.53 0.00	84.66 1.50 0.00	106.07 2.00 0.00	88.66 1.84 0.00	58.72 1.30 0.00	61.47 1.37 0.00	52.11 1.18 0.00	49.30 1.25 -0.09	44.98 1.02 0.00
UNION___PROCESSING_DRP 323587	47.20 -2.02 0.00	48.08 -2.39 0.00	46.83 -2.46 0.00	48.96 -2.49 0.00	38.80 -1.80 0.00	52.64 -2.48 0.00	63.14 -3.25 0.00	67.04 -3.84 0.00	45.38 -2.37 0.00	41.46 -1.70 0.00	44.67 -1.82 0.00	50.49 -2.03 0.00	55.63 -2.07 0.00	54.82 -2.09 0.00	59.59 -2.38 0.00	68.01 -2.73 0.00	80.29 -2.87 0.00	100.20 -3.86 0.00	83.21 -3.60 0.00	54.48 -2.93 0.00	56.51 -3.59 0.00	47.95 -2.98 0.00	45.39 -2.56 0.00	41.99 -1.97 0.00
UPPER HUDSON___HYD 24058	51.46 2.24 0.00	52.71 2.23 0.00	51.65 2.36 0.00	53.98 2.52 0.00	42.65 2.05 0.00	58.13 3.02 0.00	70.19 3.80 0.00	75.10 4.21 0.00	50.71 2.90 -0.07	81.97 2.49 -36.33	51.73 2.58 -2.66	64.50 2.98 -9.00	60.92 3.21 0.00	60.35 3.44 0.00	65.82 3.86 0.00	75.54 4.80 0.00	88.74 5.57 0.00	110.94 6.88 0.00	93.09 6.27 0.00	61.54 4.12 0.00	64.25 4.14 0.00	54.21 3.28 0.00	50.86 2.82 -0.09	46.26 2.29 0.00
UPPER RAQUET___HYD 24056	50.77 1.55 0.00	52.25 1.78 0.00	50.98 1.70 0.00	52.93 1.48 0.00	41.36 0.76 0.00	55.34 0.22 0.00	65.82 -0.57 0.00	70.43 -0.46 0.00	48.01 0.26 0.00	43.07 -0.08 0.00	47.03 0.54 0.00	52.93 0.41 0.00	57.79 0.09 0.00	56.88 -0.03 0.00	59.82 -2.14 0.00	67.14 -3.60 0.00	78.67 -4.50 0.00	99.08 -4.99 0.00	83.03 -3.79 0.00	54.84 -2.58 0.00	57.21 -2.90 0.00	48.88 -2.06 0.00	46.21 -1.75 0.00	43.51 -0.45 0.00
VALLEY44_115KV_TB2 355964	48.87 -0.35 0.00	49.62 -0.85 0.00	48.41 -0.88 0.00	50.74 -0.72 0.00	40.24 -0.36 0.00	54.30 -0.81 0.00	64.37 -2.02 0.00	68.14 -2.75 0.00	46.18 -1.57 0.00	42.47 -0.69 0.00	45.82 -0.67 0.00	51.51 -1.01 0.00	57.01 -0.69 0.00	56.02 -0.89 0.00	60.74 -1.22 0.00	69.32 -1.42 0.00	81.37 -1.79 0.00	101.25 -2.81 0.00	84.33 -2.49 0.00	55.15 -2.26 0.00	57.25 -2.86 0.00	48.67 -2.27 0.00	46.10 -1.86 0.00	43.19 -0.77 0.00
VALLEY___115KV_TB 1-4 80826	49.67 0.45 0.00	50.88 0.40 0.00	49.72 0.43 0.00	52.00 0.54 0.00	41.06 0.46 0.00	55.63 0.51 0.00	67.10 0.72 0.00	71.44 0.55 0.00	47.88 0.13 0.00	42.97 -0.19 0.00	46.38 -0.12 0.00	52.68 0.16 0.00	57.77 0.07 0.00	57.14 0.23 0.00	62.26 0.29 0.00	71.17 0.43 0.00	83.37 0.21 0.00	104.48 0.42 0.00	87.53 0.71 0.00	58.20 0.79 0.00	60.84 0.74 0.00	51.56 0.63 0.00	48.39 0.43 0.00	44.11 0.15 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	51.14 1.92 0.00	52.33 1.86 0.00	51.08 1.80 0.00	53.44 1.99 0.00	42.29 1.69 0.00	57.56 2.44 0.00	69.46 3.08 0.00	74.16 3.28 0.00	49.97 2.27 0.05	18.15 2.11 27.11	46.78 2.27 1.99	48.25 2.44 6.71	60.50 2.79 0.00	59.70 2.79 0.00	64.99 3.02 0.00	74.29 3.54 0.00	87.41 4.24 0.00	109.43 5.37 0.00	91.38 4.56 0.00	60.48 3.07 0.00	63.18 3.07 0.00	53.39 2.46 0.00	50.07 2.16 0.05	45.89 1.93 0.00
VISCHER___FERRY HYD 24020	51.03 1.81 0.00	52.24 1.77 0.00	51.12 1.83 0.00	53.41 1.95 0.00	42.16 1.56 0.00	57.14 2.02 0.00	68.81 2.43 0.00	73.69 2.81 0.00	49.85 2.03 -0.07	84.31 1.72 -39.42	51.09 1.71 -2.89	64.30 2.02 -9.76	59.76 2.06 0.00	59.21 2.30 0.00	64.59 2.63 0.00	73.96 3.22 0.00	86.58 3.42 0.00	108.47 4.41 0.00	90.79 3.97 0.00	60.12 2.71 0.00	62.92 2.82 0.00	53.24 2.30 0.00	50.14 2.08 -0.10	45.70 1.74 0.00
V_A_10_SYNC_DSASP 323832	46.14 -3.08 0.00	46.92 -3.55 0.00	45.65 -3.63 0.00	47.74 -3.72 0.00	37.85 -2.75 0.00	51.20 -3.92 0.00	60.99 -5.39 0.00	64.43 -6.45 0.00	43.63 -4.12 0.00	40.05 -3.11 0.00	43.10 -3.39 0.00	48.56 -3.95 0.00	53.63 -4.07 0.00	52.79 -4.12 0.00	57.35 -4.62 0.00	65.64 -5.10 0.00	77.39 -5.77 0.00	91.96 -7.65 0.00	79.91 -6.91 0.00	52.16 -5.26 0.00	53.99 -6.12 0.00	46.02 -4.92 0.00	43.84 -4.12 0.00	40.82 -3.14 0.00
V_CMM_10_SYNC_DSASP 323787	50.40 1.19 0.00	51.85 1.38 0.00	50.61 1.32 0.00	52.60 1.14 0.00	41.29 0.69 0.00	55.99 0.87 0.00	67.38 0.99 0.00	72.12 1.24 0.00	48.17 0.43 0.00	43.55 0.39 0.00	46.93 0.44 0.00	53.04 0.52 0.00	58.21 0.51 0.00	57.24 0.32 0.00	62.27 0.30 0.00	71.07 0.32 0.00	83.80 0.64 0.00	104.73 0.66 0.00	87.22 0.40 0.00	57.51 0.09 0.00	60.27 0.17 0.00	51.18 0.25 0.00	48.33 0.37 0.00	44.46 0.50 0.00
V_CMP_10_SYNC_DSASP 323788	51.42 2.20 0.00	52.89 2.42 0.00	51.60 2.31 0.00	53.73 2.27 0.00	42.31 1.71 0.00	57.45 2.33 0.00	69.07 2.69 0.00	73.12 2.24 0.00	48.94 1.19 0.00	44.09 0.93 0.00	47.34 0.85 0.00	53.52 1.00 0.00	58.34 0.64 0.00	57.12 0.21 0.00	61.83 -0.13 0.00	70.76 0.01 0.00	83.43 0.27 0.00	104.37 0.31 0.00	87.23 0.41 0.00	57.37 -0.04 0.00	60.10 0.00 0.00	51.09 0.16 0.00	48.24 0.28 0.00	44.30 0.34 0.00
V_D_10_SYNC_DSASP 323841	50.68 1.46 0.00	52.15 1.68 0.00	50.88 1.60 0.00	52.87 1.42 0.00	41.49 0.89 0.00	56.20 1.08 0.00	67.59 1.21 0.00	71.90 1.02 0.00	48.24 0.49 0.00	43.62 0.46 0.00	47.02 0.53 0.00	53.14 0.62 0.00	58.31 0.61 0.00	57.34 0.42 0.00	62.38 0.41 0.00	71.19 0.45 0.00	83.97 0.81 0.00	104.89 0.83 0.00	87.33 0.51 0.00	57.61 0.19 0.00	60.38 0.28 0.00	51.27 0.34 0.00	48.41 0.45 0.00	44.55 0.59 0.00
V_E_10_SYNC_DSASP 323830	53.09 3.87 0.00	54.32 3.85 0.00	52.95 3.67 0.00	55.40 3.94 0.00	43.67 3.06 0.00	59.08 3.96 0.00	71.84 5.45 0.00	78.97 8.08 0.00	52.32 4.64 0.07	6.72 4.39 40.83	48.11 4.61 2.99	47.65 5.24 10.10	63.81 6.11 0.00	61.54 4.62 0.00	67.08 5.11 0.00	76.88 6.14 0.00	92.44 9.27 0.00	118.89 13.82 -1.00	94.49 7.67 0.00	62.32 4.91 0.00	64.97 4.86 0.00	54.95 4.02 0.00	51.46 3.54 0.04	47.15 3.19 0.00
V_F_30_NSYNC___DSASP 323816	51.75 2.53 0.00	53.01 2.54 0.00	51.89 2.60 0.00	54.22 2.77 0.00	42.85 2.24 0.00	58.26 3.14 0.00	70.30 3.92 0.00	75.21 4.32 0.00	50.79 2.98 -0.07	83.03 2.58 -37.29	51.86 2.64 -2.73	64.86 3.11 -9.24	61.05 3.35 0.00	60.47 3.56 0.00	65.99 4.02 0.00	75.60 4.85 0.00	88.73 5.58 0.00	111.10 7.04 0.00	93.03 6.22 0.00	61.52 4.11 0.00	64.28 4.18 0.00	54.31 3.38 0.00	51.05 3.00 -0.09	46.50 2.54 0.00

V_F_30_SYNC_DSASP 323786	50.56 1.34 0.00	51.76 1.29 0.00	50.61 1.33 0.00	52.82 1.36 0.00	41.49 0.89 0.00	55.94 0.83 0.00	67.43 1.04 0.00	72.26 1.37 0.00	48.93 1.11 -0.07	81.30 0.86 -37.28	50.11 0.89 -2.73	62.85 1.10 -9.23	58.83 1.12 0.00	58.23 1.32 0.00	63.51 1.54 0.00	72.64 1.90 0.00	85.13 1.97 0.00	106.67 2.61 0.00	89.12 2.30 0.00	59.02 1.60 0.00	61.75 1.65 0.00	52.33 1.39 0.00	49.48 1.43 -0.09	45.16 1.19 0.00
V_XM_10_SYNC_DSASP 323789	51.42 2.20 0.00	52.89 2.42 0.00	51.60 2.31 0.00	53.73 2.27 0.00	42.31 1.71 0.00	57.45 2.33 0.00	69.07 2.69 0.00	73.12 2.24 0.00	48.94 1.19 0.00	44.09 0.93 0.00	47.34 0.85 0.00	53.52 1.00 0.00	58.34 0.64 0.00	57.12 0.21 0.00	61.83 -0.13 0.00	70.76 0.01 0.00	83.43 0.27 0.00	104.37 0.31 0.00	87.23 0.41 0.00	57.37 -0.04 0.00	60.10 0.00 0.00	51.09 0.16 0.00	48.24 0.28 0.00	44.30 0.34 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	50.49 1.27 0.00	51.53 1.06 0.00	50.40 1.12 0.00	52.83 1.37 0.00	41.89 1.29 0.00	57.09 1.97 0.00	68.88 2.49 0.00	73.97 3.08 0.00	49.53 2.32 0.54	-500.80 1.97 545.93	8.51 2.16 40.14	-17.97 2.26 72.75	60.28 2.58 0.00	59.66 2.74 0.00	65.01 3.04 0.00	74.27 3.53 0.00	87.14 3.98 0.00	109.28 5.21 0.00	91.25 4.43 0.00	60.61 3.19 0.00	63.49 3.39 0.00	53.67 2.74 0.00	49.57 2.33 0.72	45.92 1.96 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	50.73 1.52 0.00	51.78 1.31 0.00	50.67 1.38 0.00	53.11 1.65 0.00	42.15 1.55 0.00	57.40 2.28 0.00	69.10 2.72 0.00	74.31 3.43 0.00	50.80 2.74 -0.32	209.71 2.29 -164.26	61.00 2.49 -12.02	98.16 2.72 -42.92	60.86 3.15 0.00	60.22 3.31 0.00	65.63 3.66 0.00	74.99 4.24 0.00	87.96 4.80 0.00	110.29 6.22 0.00	92.02 5.20 0.00	61.11 3.69 0.00	64.03 3.93 0.00	54.19 3.26 0.00	51.30 2.91 -0.42	46.44 2.48 0.00
W50THST__13_KV_LOAD 356117	51.00 1.79 0.00	52.07 1.60 0.00	50.93 1.64 0.00	53.40 1.95 0.00	42.38 1.78 0.00	57.72 2.60 0.00	69.52 3.14 0.00	74.79 3.90 0.00	51.14 3.07 -0.32	210.04 2.62 -164.26	61.35 2.84 -12.02	98.57 3.13 -42.92	61.28 3.57 0.00	60.63 3.72 0.00	66.07 4.10 0.00	75.50 4.76 0.00	88.55 5.39 0.00	110.99 6.93 0.00	92.54 5.73 0.00	61.44 4.03 0.00	64.39 4.28 0.00	54.48 3.54 0.00	51.55 3.16 -0.42	46.66 2.70 0.00
WADING RIVER_IC_1 23522	52.20 2.98 0.00	52.99 2.52 0.00	51.83 2.54 0.00	54.46 3.00 0.00	43.35 2.75 0.00	59.25 4.13 0.00	71.46 5.08 0.00	76.49 5.61 0.00	52.26 4.20 -0.32	209.97 3.07 -163.75	62.19 3.72 -11.99	99.20 3.91 -42.77	62.27 4.57 0.00	61.36 4.44 0.00	67.30 5.33 0.00	76.99 6.25 0.00	90.19 7.03 0.00	113.52 9.46 0.00	95.01 8.19 0.00	68.27 5.73 -5.12	65.91 5.81 0.00	55.81 4.88 0.00	52.66 4.27 -0.42	47.50 3.54 0.00
WADING RIVER_IC_2 23547	52.20 2.98 0.00	52.99 2.52 0.00	51.83 2.54 0.00	54.46 3.00 0.00	43.35 2.75 0.00	59.25 4.13 0.00	71.46 5.08 0.00	76.49 5.61 0.00	52.26 4.20 -0.32	209.97 3.07 -163.75	62.19 3.72 -11.99	99.20 3.91 -42.77	62.27 4.57 0.00	61.36 4.44 0.00	67.30 5.33 0.00	76.99 6.25 0.00	90.19 7.03 0.00	113.52 9.46 0.00	95.01 8.19 0.00	68.27 5.73 -5.12	65.91 5.81 0.00	55.81 4.88 0.00	52.66 4.27 -0.42	47.50 3.54 0.00
WADING RIVER_IC_3 23601	52.20 2.98 0.00	52.99 2.52 0.00	51.83 2.54 0.00	54.46 3.00 0.00	43.35 2.75 0.00	59.25 4.13 0.00	71.46 5.08 0.00	76.49 5.61 0.00	52.26 4.20 -0.32	209.97 3.07 -163.75	62.19 3.72 -11.99	99.20 3.91 -42.77	62.27 4.57 0.00	61.36 4.44 0.00	67.30 5.33 0.00	76.99 6.25 0.00	90.19 7.03 0.00	113.52 9.46 0.00	95.01 8.19 0.00	68.27 5.73 -5.12	65.91 5.81 0.00	55.81 4.88 0.00	52.66 4.27 -0.42	47.50 3.54 0.00
WALDENNY_12_KV_BK2 80841	47.61 -1.61 0.00	48.27 -2.20 0.00	46.93 -2.35 0.00	49.07 -2.38 0.00	38.86 -1.74 0.00	52.61 -2.51 0.00	62.57 -3.82 0.00	65.98 -4.90 0.00	44.73 -3.02 0.00	41.16 -2.00 0.00	44.22 -2.27 0.00	49.80 -2.71 0.00	55.09 -2.62 0.00	54.18 -2.74 0.00	58.86 -3.11 0.00	67.42 -3.32 0.00	79.46 -3.70 0.00	98.92 -5.14 0.00	81.94 -4.88 0.00	53.31 -4.11 0.00	55.07 -5.04 0.00	47.03 -3.90 0.00	44.90 -3.06 0.00	41.91 -2.05 0.00
WALDEN__HYDRO 24148	50.75 1.53 0.00	51.83 1.36 0.00	50.68 1.39 0.00	53.09 1.64 0.00	42.09 1.49 0.00	57.36 2.24 0.00	69.22 2.84 0.00	74.33 3.45 0.00	50.06 2.48 0.17	-49.51 2.11 94.78	41.84 2.29 6.94	31.68 2.49 23.32	60.53 2.82 0.00	59.90 2.99 0.00	65.29 3.33 0.00	74.62 3.88 0.00	87.59 4.43 0.00	109.86 5.80 0.00	91.68 4.87 0.00	60.83 3.41 0.00	63.66 3.56 0.00	53.80 2.87 0.00	50.16 2.44 0.24	46.02 2.06 0.00
WARRENSBURG____ 23737	51.46 2.24 0.00	52.71 2.23 0.00	51.65 2.36 0.00	53.98 2.52 0.00	42.65 2.05 0.00	58.13 3.02 0.00	70.19 3.80 0.00	75.10 4.21 0.00	50.71 2.90 -0.07	81.97 2.49 -36.33	51.73 2.58 -2.66	64.50 2.98 -9.00	60.92 3.21 0.00	60.35 3.44 0.00	65.82 3.86 0.00	75.54 4.80 0.00	88.74 5.57 0.00	110.94 6.88 0.00	93.09 6.27 0.00	61.54 4.12 0.00	64.25 4.14 0.00	54.21 3.28 0.00	50.86 2.82 -0.09	46.26 2.29 0.00
WATERSIDE____6 8 9 23538	50.66 1.44 0.00	51.69 1.22 0.00	50.58 1.30 0.00	53.04 1.59 0.00	42.08 1.48 0.00	57.30 2.18 0.00	68.95 2.57 0.00	74.15 3.27 0.00	50.72 2.65 -0.32	209.33 2.17 -164.00	60.88 2.39 -12.00	97.96 2.60 -42.84	60.81 3.10 0.00	60.14 3.23 0.00	65.55 3.58 0.00	74.92 4.17 0.00	87.82 4.66 0.00	110.14 6.07 0.00	91.91 5.09 0.00	61.10 3.68 0.00	64.01 3.91 0.00	54.16 3.22 0.00	51.27 2.89 -0.42	46.42 2.46 0.00
WATKINRD_115KV_LN8_ILLION 55919	49.51 0.29 0.00	50.72 0.24 0.00	49.55 0.26 0.00	51.80 0.34 0.00	40.90 0.30 0.00	55.45 0.33 0.00	66.90 0.52 0.00	71.43 0.55 0.00	48.03 0.28 0.00	43.21 0.05 0.00	46.60 0.11 0.00	52.80 0.28 0.00	57.98 0.27 0.00	57.33 0.42 0.00	62.47 0.50 0.00	71.41 0.66 0.00	83.75 0.59 0.00	104.96 0.89 0.00	87.74 0.93 0.00	58.18 0.76 0.00	60.84 0.73 0.00	51.49 0.56 0.00	48.40 0.44 0.00	44.19 0.23 0.00
WATSON__69_KV_BK 1 55734	52.23 3.02 0.00	53.03 2.55 0.00	51.88 2.59 0.00	54.50 3.04 0.00	43.35 2.75 0.00	59.19 4.07 0.00	71.35 4.96 0.00	76.25 5.37 0.00	52.15 4.08 -0.32	210.09 3.19 -163.75	62.36 3.88 -11.99	99.33 4.05 -42.77	62.40 4.69 0.00	61.45 4.54 0.00	67.22 5.25 0.00	76.77 6.02 0.00	89.87 6.70 0.00	113.12 9.06 0.00	94.91 8.09 0.00	68.46 5.92 -5.12	66.03 5.92 0.00	55.95 5.01 0.00	52.67 4.28 -0.42	47.60 3.64 0.00
WDELAWARE__HYD 323627	51.61 2.39 0.00	52.72 2.24 0.00	51.52 2.24 0.00	53.99 2.53 0.00	42.81 2.20 0.00	58.39 3.28 0.00	70.58 4.19 0.00	75.82 4.94 0.00	51.07 3.46 0.14	-28.49 3.03 74.68	44.34 3.32 5.47	37.77 3.66 18.41	61.82 4.12 0.00	61.16 4.25 0.00	66.66 4.69 0.00	76.22 5.48 0.00	89.66 6.50 0.00	112.41 8.35 0.00	93.64 6.83 0.00	62.06 4.65 0.00	64.87 4.77 0.00	54.78 3.84 0.00	51.06 3.30 0.20	46.80 2.84 0.00

WEST BABYLON___IC 23714	52.06 2.84 0.00	52.87 2.40 0.00	51.73 2.44 0.00	54.33 2.87 0.00	43.19 2.59 0.00	58.96 3.85 0.00	71.01 4.63 0.00	75.95 5.07 0.00	51.96 3.89 -0.32	209.93 3.03 -163.75	62.19 3.71 -11.99	99.11 3.82 -42.77	62.15 4.44 0.00	61.23 4.32 0.00	66.98 5.01 0.00	76.55 5.81 0.00	89.63 6.47 0.00	112.83 8.76 0.00	94.59 7.77 0.00	68.17 5.62 -5.12	65.77 5.66 0.00	55.70 4.77 0.00	52.45 4.07 -0.42	47.45 3.49 0.00
WEST CANADA___HYD 24049	49.23 0.01 0.00	50.45 -0.02 0.00	49.29 0.00 0.00	51.48 0.03 0.00	40.64 0.04 0.00	55.17 0.05 0.00	66.45 0.07 0.00	70.98 0.10 0.00	47.85 0.10 0.00	43.24 0.08 0.00	46.56 0.06 0.00	52.59 0.07 0.00	57.77 0.06 0.00	57.03 0.11 0.00	62.11 0.13 0.00	70.93 0.19 0.00	83.25 0.09 0.00	104.27 0.21 0.00	87.04 0.22 0.00	57.59 0.17 0.00	60.26 0.16 0.00	51.08 0.15 0.00	48.05 0.09 0.00	44.01 0.05 0.00
WESTERN_NY_WIND 24143	47.83 -1.38 0.00	48.60 -1.88 0.00	47.26 -2.02 0.00	49.39 -2.06 0.00	39.20 -1.41 0.00	53.21 -1.91 0.00	63.53 -2.85 0.00	67.41 -3.47 0.00	45.85 -1.90 0.00	42.12 -1.04 0.00	45.33 -1.16 0.00	51.11 -1.41 0.00	56.38 -1.32 0.00	55.36 -1.55 0.00	60.09 -1.88 0.00	68.86 -1.89 0.00	81.40 -1.76 0.00	101.45 -2.61 0.00	84.07 -2.75 0.00	54.75 -2.67 0.00	56.58 -3.53 0.00	48.14 -2.79 0.00	45.83 -2.13 0.00	42.60 -1.36 0.00
WESTOVER___LESR 323668	48.87 -0.35 0.00	50.07 -0.40 0.00	48.76 -0.53 0.00	51.05 -0.41 0.00	40.31 -0.29 0.00	54.72 -0.40 0.00	65.97 -0.41 0.00	70.27 -0.61 0.00	47.31 -0.40 0.04	23.37 -0.09 19.70	44.82 -0.23 1.44	47.32 -0.33 4.87	57.55 -0.15 0.00	56.68 -0.23 0.00	61.72 -0.25 0.00	70.58 -0.17 0.00	83.01 -0.15 0.00	103.83 -0.24 0.00	86.82 0.01 0.00	57.37 -0.05 0.00	59.71 -0.39 0.00	50.59 -0.34 0.00	47.64 -0.28 0.04	43.79 -0.17 0.00
WETHRSFD_WT_PWR 323626	47.55 -1.67 0.00	48.25 -2.23 0.00	46.84 -2.44 0.00	48.92 -2.53 0.00	38.63 -1.97 0.00	52.23 -2.88 0.00	62.33 -4.05 0.00	65.78 -5.11 0.00	44.35 -3.40 0.00	40.72 -2.44 0.00	43.50 -2.99 0.00	48.88 -3.64 0.00	54.08 -3.62 0.00	53.22 -3.70 0.00	58.00 -3.97 0.00	66.71 -4.04 0.00	78.68 -4.48 0.00	96.37 -6.06 1.63	81.39 -5.42 0.00	52.93 -4.49 0.00	54.95 -5.16 0.00	46.86 -4.07 0.00	44.57 -3.39 0.00	41.46 -2.51 0.00
WHAVSTOR_138KV_BK127 55557	50.25 1.03 0.00	51.31 0.83 0.00	50.18 0.90 0.00	52.60 1.14 0.00	41.72 1.12 0.00	56.81 1.70 0.00	68.48 2.09 0.00	73.55 2.67 0.00	49.24 2.04 0.54	-534.07 1.71 578.93	5.78 1.87 42.58	-18.85 1.92 73.28	59.92 2.22 0.00	59.30 2.39 0.00	64.63 2.66 0.00	73.84 3.10 0.00	86.58 3.42 0.00	108.59 4.52 0.00	90.68 3.86 0.00	60.25 2.83 0.00	63.13 3.02 0.00	53.37 2.44 0.00	49.31 2.07 0.72	45.70 1.74 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	50.25 1.03 0.00	51.31 0.83 0.00	50.18 0.90 0.00	52.60 1.14 0.00	41.72 1.12 0.00	56.81 1.70 0.00	68.48 2.09 0.00	73.55 2.67 0.00	49.24 2.04 0.54	-534.07 1.71 578.93	5.78 1.87 42.58	-18.85 1.92 73.28	59.92 2.22 0.00	59.30 2.39 0.00	64.63 2.66 0.00	73.84 3.10 0.00	86.58 3.42 0.00	108.59 4.52 0.00	90.68 3.86 0.00	60.25 2.83 0.00	63.13 3.02 0.00	53.37 2.44 0.00	49.31 2.07 0.72	45.70 1.74 0.00
WHITEHAL_115KV_TB1 80871	52.51 3.29 0.00	54.02 3.55 0.00	52.99 3.71 0.00	55.46 4.00 0.00	43.97 3.36 0.00	60.35 5.23 0.00	72.54 6.15 0.00	77.35 6.47 0.00	52.33 4.52 -0.07	83.83 4.12 -36.55	53.50 4.34 -2.68	66.21 4.64 -9.05	61.92 4.21 0.00	61.49 4.57 0.00	67.41 5.44 0.00	77.76 7.02 0.00	91.67 8.51 0.00	114.46 10.40 0.00	96.88 10.07 0.00	64.06 6.65 0.00	66.57 6.47 0.00	56.25 5.32 0.00	52.72 4.67 -0.09	47.86 3.90 0.00
WHITEPLN_13_KV_LOAD 356215	51.11 1.89 0.00	52.15 1.68 0.00	50.98 1.69 0.00	53.43 1.98 0.00	42.39 1.78 0.00	57.75 2.63 0.00	69.64 3.26 0.00	74.86 3.98 0.00	51.09 3.01 -0.33	214.22 2.55 -168.51	61.58 2.76 -12.33	99.68 3.05 -44.11	61.19 3.49 0.00	60.52 3.61 0.00	66.00 4.03 0.00	75.43 4.69 0.00	88.54 5.38 0.00	111.02 6.96 0.00	92.71 5.89 0.00	61.54 4.12 0.00	64.39 4.29 0.00	54.44 3.51 0.00	51.46 3.07 -0.44	46.56 2.60 0.00
WM_FLOYD_69_KV_BK2 356380	52.05 2.83 0.00	52.84 2.37 0.00	51.68 2.39 0.00	54.30 2.84 0.00	43.22 2.62 0.00	59.04 3.92 0.00	71.17 4.79 0.00	76.20 5.32 0.00	52.08 4.01 -0.32	209.83 2.93 -163.75	62.05 3.57 -11.99	99.06 3.77 -42.77	62.10 4.39 0.00	61.16 4.25 0.00	67.09 5.12 0.00	76.75 6.01 0.00	89.90 6.74 0.00	113.13 9.06 0.00	94.73 7.91 0.00	68.12 5.58 -5.12	65.73 5.62 0.00	55.67 4.73 0.00	52.49 4.11 -0.42	47.39 3.43 0.00
WOODARD___115KV_TB2 355635	47.98 -1.24 0.00	49.09 -1.38 0.00	47.90 -1.39 0.00	50.09 -1.36 0.00	39.64 -0.97 0.00	53.87 -1.25 0.00	64.98 -1.41 0.00	69.38 -1.50 0.00	46.79 -0.96 0.00	42.42 -0.74 0.00	45.64 -0.85 0.00	51.53 -0.99 0.00	56.70 -1.00 0.00	55.94 -0.97 0.00	60.88 -1.08 0.00	69.53 -1.21 0.00	81.74 -1.42 0.00	102.23 -1.83 0.00	85.25 -1.56 0.00	56.33 -1.09 0.00	58.76 -1.34 0.00	49.75 -1.18 0.00	46.84 -1.12 0.00	42.93 -1.03 0.00
YORK___WARBASSE 23770	50.98 1.76 0.00	52.00 1.53 0.00	50.88 1.60 0.00	53.35 1.89 0.00	42.33 1.72 0.00	57.65 2.53 0.00	69.26 2.87 0.00	74.47 3.59 0.00	50.96 2.89 -0.32	209.52 2.36 -164.00	61.11 2.62 -12.00	98.20 2.84 -42.84	61.09 3.38 0.00	60.41 3.49 0.00	65.81 3.84 0.00	75.20 4.46 0.00	88.18 5.02 0.00	110.59 6.52 0.00	92.32 5.50 0.00	61.38 3.96 0.00	64.33 4.23 0.00	54.46 3.53 0.00	51.55 3.17 -0.42	46.71 2.75 0.00